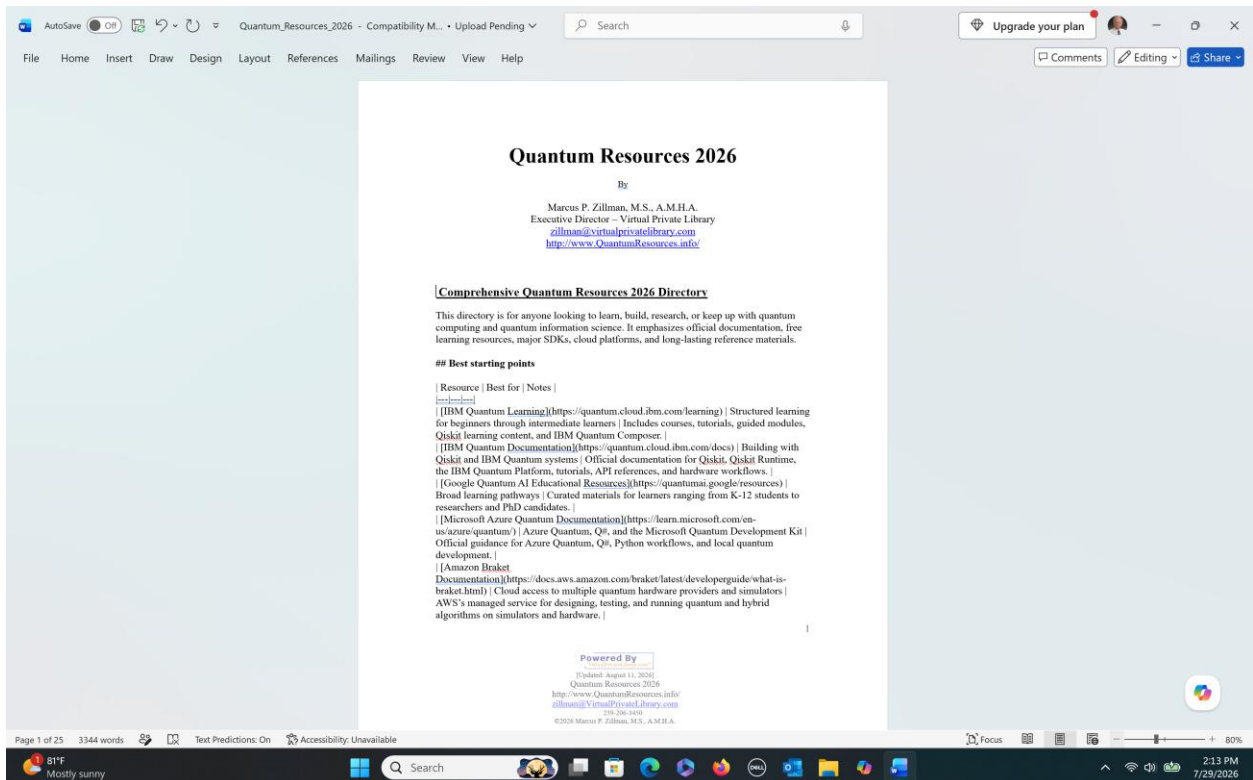


Quantum Resources 2026

By

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<http://www.QuantumResources.info/>



Quantum Resources 2026

Comprehensive Quantum Resources 2026 Directory

This directory is for anyone looking to learn, build, research, or keep up with quantum computing and quantum information science. It emphasizes official documentation, free learning resources, major SDKs, cloud platforms, and long-lasting reference materials.

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Best starting points

| Resource | Best for | Notes |

|---|---|---|

| [IBM Quantum Learning](<https://quantum.cloud.ibm.com/learning>) | Structured learning for beginners through intermediate learners | Includes courses, tutorials, guided modules, Qiskit learning content, and IBM Quantum Composer. |

| [IBM Quantum Documentation](<https://quantum.cloud.ibm.com/docs>) | Building with Qiskit and IBM Quantum systems | Official documentation for Qiskit, Qiskit Runtime, the IBM Quantum Platform, tutorials, API references, and hardware workflows. |

| [Google Quantum AI Educational Resources](<https://quantumai.google/resources>) | Broad learning pathways | Curated materials for learners ranging from K-12 students to researchers and PhD candidates. |

| [Microsoft Azure Quantum Documentation](<https://learn.microsoft.com/en-us/azure/quantum/>) | Azure Quantum, Q#, and the Microsoft Quantum Development Kit | Official guidance for Azure Quantum, Q#, Python workflows, and local quantum development. |

| [Amazon Braket Documentation](<https://docs.aws.amazon.com/braket/latest/developer-guide/what-is-braket.html>) | Cloud access to multiple quantum hardware providers and simulators | AWS's managed service for designing, testing, and running quantum and hybrid algorithms on simulators and hardware. |

| [Quantum Open Source Foundation](<https://qosf.org>) | Curated free learning resources | Community-run collection of free quantum computing resources for a range of skill levels. |

| [MIT OpenCourseWare: Quantum Information Science I](<https://ocw.mit.edu/courses/8-370x-quantum-information-science-i-spring-2018/>) | University-level foundations | Covers the fundamentals of quantum and classical computing, protocols, algorithms, and quantum communication. |

| [Quantum Country](<https://quantum.country>) | Interactive conceptual learning | An essay-based path covering core ideas in quantum computing and quantum mechanics, including search and teleportation. |

Learning paths by level

Absolute beginner

- [Quantum Country](<https://quantum.country>): Interactive essays that introduce the core ideas of quantum mechanics and quantum computing.

- [IBM Quantum Learning](https://quantum.cloud.ibm.com/learning): An approachable starting point with Qiskit-based courses and tutorials.
- [Google Quantum AI Educational Resources](https://quantumai.google/resources): A broad collection of materials for students, educators, and researchers.
- [Quantum Open Source Foundation](https://qosf.org): A curated set of free learning resources for many experience levels.

Beginner with linear algebra or programming

- [MIT OpenCourseWare: Quantum Information Science I](https://ocw.mit.edu/courses/8-370x-quantum-information-science-i-spring-2018/): A rigorous introduction to quantum mechanics, reversible computation, measurement, teleportation, superdense coding, Deutsch-Jozsa, Simon's algorithm, Grover's search, Shor's factoring algorithm, noise, channels, and quantum key distribution.
- [Qiskit Textbook repository](https://github.com/Qiskit/textbook/tree/main/notebooks/ch-demos): Interactive notebooks and demos for learning Qiskit.
- [Microsoft Azure Quantum Documentation](https://learn.microsoft.com/en-us/azure/quantum/): A good choice if you want to learn Q# and run programs through Azure Quantum.

Intermediate

- [MIT OpenCourseWare: Quantum Information Science II](https://ocw.mit.edu/courses/8-371x-quantum-information-science-ii-spring-2018/): Covers advanced topics such as quantum error correction, fault tolerance, quantum complexity, and quantum information theory.
- [John Preskill's Physics 219/229 quantum information notes](https://www.preskill.caltech.edu/ph229/): In-depth lecture notes covering quantum information, quantum computation, error correction, algorithms, topological quantum computing, and quantum Shannon theory.
- [Quantum Algorithm Zoo](https://quantumalgorithmzoo.org): A reference catalog of quantum algorithms.

Advanced and research-oriented

- [arXiv: Quantum Physics archive](https://arxiv.org/archive/quant-ph): Primary preprint archive for quantum physics and quantum information research.
- [arXiv: recent quant-ph submissions](https://arxiv.org/list/quant-ph/recent): Latest preprints in quantum physics.

- [A typology of quantum algorithms](https://arxiv.org/html/2407.05178v1): Classifies about 130 quantum algorithms by problem type, application area, and core subroutines.
- [John Preskill's Physics 219/229 notes](https://www.preskill.caltech.edu/ph229/): Especially helpful for quantum error correction, fault tolerance, quantum algorithms, and quantum Shannon theory.

Core textbooks and references

Resource	Best for	Notes
[Quantum Computation and Quantum Information by Nielsen and Chuang](https://www.cambridge.org/highereducation/books/quantum-computation-and-quantum-information/01E10196D0A682A6AEFFEA52D53BE9AE)	Standard textbook	Cambridge describes it as a highly cited physics text and a comprehensive introduction to quantum computation and quantum information.
[John Preskill's quantum information course notes](https://www.preskill.caltech.edu/ph229/)	Graduate-level theory and error correction	Covers quantum information theory, quantum computation, algorithms, error correction, fault tolerance, and related areas.
[MIT OCW Quantum Information Science I](https://ocw.mit.edu/courses/8-370x-quantum-information-science-i-spring-2018/)	Structured course	Free course materials covering foundational theory and practice.
[MIT OCW Quantum Information Science II](https://ocw.mit.edu/courses/8-371x-quantum-information-science-ii-spring-2018/)	Advanced course	Covers quantum states, noise, error correction, fault tolerance, algorithms, complexity theory, and information theory.

Quantum programming SDKs and frameworks

SDK or framework	Link	Best for
Qiskit	[IBM Quantum Documentation](https://quantum.cloud.ibm.com/docs)	Building circuits, running algorithms, using runtime workflows, and developing within the Qiskit ecosystem.
Cirq	[Google Quantum AI Cirq](https://quantumai.google/cirq)	Creating, modifying, optimizing, and simulating quantum circuits in Python.
PennyLane	[PennyLane Documentation](https://docs.pennylane.ai)	Quantum machine learning, variational algorithms, differentiable quantum programming, and multi-backend workflows.

PennyLane demos	[PennyLane demonstrations](https://pennylane.ai/qml/demonstrations)	Tutorials and examples for quantum machine learning and variational methods.
Amazon Braket SDK	[Amazon Braket Documentation](https://docs.aws.amazon.com/braket/latest/developerguide/what-is-braket.html)	Building, testing, and running algorithms on Braket simulators and supported hardware.
Q# and Microsoft Quantum Development Kit	[Azure Quantum Documentation](https://learn.microsoft.com/en-us/azure/quantum/)	Microsoft's quantum language, Python integration, and Azure Quantum workflows.
pyQuil	[pyQuil documentation](https://pyquil-docs.rigetti.com)	Programming in Python with Quil, Rigetti's quantum instruction language, plus QVM simulation workflows.
pytket	[pytket API documentation](https://docs.quantinuum.com/tket/api-docs/index.html)	Circuit optimization, compilation, and integration with tket and supported backends.
QuTiP	[QuTiP](https://qutip.org)	Open-source Python tools for simulating open quantum systems.

Cloud quantum platforms and hardware access

Platform	Link	Notes
IBM Quantum Platform	[IBM Quantum Documentation](https://quantum.cloud.ibm.com/docs)	Access to IBM Quantum services, Qiskit Runtime, tutorials, API references, and hardware workflows.
Amazon Braket	[Amazon Braket Documentation](https://docs.aws.amazon.com/braket/latest/developerguide/what-is-braket.html)	AWS-managed platform for access to simulators and quantum hardware.
Amazon Braket supported devices	[Braket supported devices](https://docs.aws.amazon.com/braket/latest/developerguide/braket-devices.html)	Lists available QPUs and simulators from providers such as AQT, IonQ, IQM, QuEra, and Rigetti.
Microsoft Azure Quantum	[Azure Quantum Documentation](https://learn.microsoft.com/en-us/azure/quantum/)	Microsoft cloud platform for quantum programming with Python, Q#, Azure tools, and provider integrations.
Google Quantum AI	[Google Quantum AI](https://quantumai.google)	Google's hub for quantum computing research and resources.

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IonQ documentation	[IonQ Cirq documentation](https://docs.ionq.com/sdks/cirq)	Guidance for using Cirq with IonQ hardware.
Quantinuum tket	[pytket user guide](https://docs.quantinuum.com/tket/user-guide/)	User guidance for the tket toolkit and pytket.
Rigetti pyQuil	[pyQuil documentation](https://pyquil-docs.rigetti.com)	Python tools for Quil programming and simulator-based workflows.

Quantum algorithms and theory references

- [Quantum Algorithm Zoo](https://quantumalgorithmzoo.org): A catalog of quantum algorithms for reference.
- [A typology of quantum algorithms](https://arxiv.org/html/2407.05178v1): A paper that classifies about 130 quantum algorithms by problem type, application, and core building blocks.
- [John Preskill's Physics 219/229 notes](https://www.preskill.caltech.edu/ph229/): Useful for quantum algorithms, complexity, fault tolerance, and error correction.
- [MIT Quantum Information Science I](https://ocw.mit.edu/courses/8-370x-quantum-information-science-i-spring-2018/): Covers foundational algorithms including Deutsch-Jozsa, Simon's algorithm, Grover search, and Shor's factoring algorithm.
- [MIT Quantum Information Science II](https://ocw.mit.edu/courses/8-371x-quantum-information-science-ii-spring-2018/): Explores advanced algorithms, fault tolerance, complexity theory, and information theory.

Quantum machine learning and hybrid algorithms

- [PennyLane Documentation](https://docs.pennylane.ai): Multi-backend platform for variational quantum algorithms and differentiable programming.
- [PennyLane demonstrations](https://pennylane.ai/qml/demonstrations): Tutorials and examples for quantum machine learning and hybrid quantum-classical workflows.
- [Amazon Braket Documentation](https://docs.aws.amazon.com/braket/latest/developerguide/what-is-braket.html): Covers hybrid quantum algorithms and tools for building, testing, and running them.

Simulation resources

- [QuTiP](https://qutip.org): Open-source software for simulating open quantum systems.
- [Amazon Braket simulators and devices](https://docs.aws.amazon.com/braket/latest/developerguide/braket-devices.html): Includes on-demand, local, and embedded simulators alongside supported QPUs.

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- [Cirq](https://quantumai.google/cirq): Python library for creating, optimizing, and simulating quantum circuits.
- [pyQuil documentation](https://pyquil-docs.rigetti.com): Includes workflows for the Quantum Virtual Machine and Quil compiler.

Research discovery and current literature

- [arXiv quant-ph archive](https://arxiv.org/archive/quant-ph): Quantum physics archive active since December 1994.
- [arXiv recent quant-ph submissions](https://arxiv.org/list/quant-ph/recent): Recent preprints in quantum physics.
- [arXiv new quant-ph submissions](https://arxiv.org/list/quant-ph/new): Newly posted quantum physics preprints.
- [Google Quantum AI resources](https://quantumai.google/resources): Helpful for both educational and research-focused learning paths.

Community and open-source ecosystems

- [Quantum Open Source Foundation](https://qosf.org): Open-source quantum community hub with curated learning resources.
- [QOSF GitHub](https://github.com/qosf): Open-source repositories from the Quantum Open Source Foundation.
- [Qiskit Textbook repository](https://github.com/Qiskit/textbook/tree/main/notebooks/ch-demos): Public collection of interactive textbook demos and notebooks.
- [Cirq GitHub](https://github.com/quantumlib/cirq): Open-source repository for the Cirq framework.
- [pyQuil GitHub](https://github.com/rigetti/pyquil): Open-source repository for pyQuil.

Suggested learning sequences

Practical programmer sequence

1. Start with [IBM Quantum Learning](https://quantum.cloud.ibm.com/learning).
2. Work through the Qiskit docs and tutorials in [IBM Quantum Documentation](https://quantum.cloud.ibm.com/docs).
3. Compare it with a second framework such as [Cirq](https://quantumai.google/cirq) or [PennyLane](https://docs.pennylane.ai).

4. Try running jobs on [IBM Quantum](https://quantum.cloud.ibm.com/docs), [Amazon Braket](https://docs.aws.amazon.com/braket/latest/developerguide/what-is-braket.html), or [Azure Quantum](https://learn.microsoft.com/en-us/azure/quantum/).

Theory-first sequence

1. Start with [Quantum Country](https://quantum.country) to build intuition.
2. Continue with [MIT Quantum Information Science I](https://ocw.mit.edu/courses/8-370x-quantum-information-science-i-spring-2018/).
3. Use [Nielsen and Chuang](https://www.cambridge.org/highereducation/books/quantum-computation-and-quantum-information/01E10196D0A682A6AEFFEA52D53BE9AE) as your main reference.
4. Then move on to [MIT Quantum Information Science II](https://ocw.mit.edu/courses/8-371x-quantum-information-science-ii-spring-2018/) and [Preskill's notes](https://www.preskill.caltech.edu/ph229/).

Research-current sequence

1. Follow [arXiv recent quant-ph submissions](https://arxiv.org/list/quant-ph/recent).
2. Use the [Quantum Algorithm Zoo](https://quantumalgorithmzoo.org) to orient yourself to the algorithm landscape.
3. Read [A typology of quantum algorithms](https://arxiv.org/html/2407.05178v1) for a structured view of the field.
4. Track SDK and platform docs for implementation-level updates: [IBM Quantum Documentation](https://quantum.cloud.ibm.com/docs), [Cirq](https://quantumai.google/cirq), [PennyLane](https://docs.pennylane.ai), [Amazon Braket](https://docs.aws.amazon.com/braket/latest/developerguide/what-is-braket.html), and [Azure Quantum](https://learn.microsoft.com/en-us/azure/quantum/).

Quick selection guide

Goal	Start here
Learn fundamentals from scratch	[Quantum Country](https://quantum.country), then [IBM Quantum Learning](https://quantum.cloud.ibm.com/learning)
Learn with university-style rigor	[MIT Quantum Information Science I](https://ocw.mit.edu/courses/8-370x-quantum-information-science-i-spring-2018/)
Build circuits in Python	[Qiskit docs](https://quantum.cloud.ibm.com/docs), [Cirq](https://quantumai.google/cirq), or [PennyLane](https://docs.pennylane.ai)



Run on cloud quantum hardware	[IBM Quantum](https://quantum.cloud.ibm.com/docs), [Amazon Braket](https://docs.aws.amazon.com/braket/latest/developer/guide/what-is-braket.html), or [Azure Quantum](https://learn.microsoft.com/en-us/azure/quantum/)
Study algorithms	[Quantum Algorithm Zoo](https://quantumalgorithmzoo.org), [Preskill's notes](https://www.preskill.caltech.edu/ph229/), and [A typology of quantum algorithms](https://arxiv.org/html/2407.05178v1)
Do quantum machine learning	[PennyLane docs](https://docs.pennylane.ai) and [PennyLane demonstrations](https://pennylane.ai/qml/demonstrations)
Simulate open quantum systems	[QuTiP](https://qutip.org)
Track new research	[arXiv quant-ph](https://arxiv.org/archive/quant-ph)

Quantum Resources 2026:

5 Things Quantum Computing Cannot Do Yet and Honest Timeline for Each

<https://www.linkedin.com/feed/update/urn:li:groupPost:12889077-7480990551622901760/>

Before Q-Day: The Race to Become Quantum First

https://www.linkedin.com/posts/paulmtturner3_ceo-ciso-cso-share-7485413761198182400-91Lt/

Benchmarking Quantum Advantage

<https://quantum-advantage-tracker.github.io/>

Building the First Universal Quantum Computer

<https://alice-bob.com/>

Derivative Pricing on Quantum Computers: From NISQ to Quantum Monte Carlo

https://www.linkedin.com/posts/rafa%C5%82-pracht-96948420_last-friday-i-had-the-pleasure-of-presenting-share-7477245810104156160-Nb3i/

Europe Launches Space-Based Quantum Key Distribution

<https://www.linkedin.com/posts/quantuminternet-quantumkeydistribution-spacequantum-share-7489670776086781952-T8ac/>



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Fact Sheet: President Donald J. Trump Ushers in the Next Frontier of Quantum Innovation

<https://www.whitehouse.gov/fact-sheets/2026/06/fact-sheet-president-donald-j-trump-ushers-in-the-next-frontier-of-quantum-innovation/>

Generative AI in the Age of Quantum

<https://www.linkedin.com/feed/update/urn:li:groupPost:12889077-7493988178870042624/>

Germany Sovereign Quantum Computing Ecosystem Market Map

https://www.linkedin.com/posts/alexgeunholee_quantumcomputing-faulttolerantquantumcomputing-share-7488971564621955072-s0Or/

GitHub Copilot Platform

<https://www.GitHub.com/>

Google Quantum AI

<https://quantumai.google/>

Grover's Algorithm Search Engine

<https://www.linkedin.com/feed/update/urn:li:groupPost:12889077-7494089710080811008/>

How Quantum Computers Work

<https://www.linkedin.com/posts/ibms-newest-quantum-computing-explainer-share-7486491398360195072-8UDI/>

IBM – Quantum Is Moving Fast and Alberto Is Helping More People Move With It

<https://www.linkedin.com/feed/update/urn:li:activity:7494014994989158400/>

IDC MarketScape: Worldwide Quantum Computing 2026 Vendor Assessment

https://idcdocserv.com/US54125526e_IBM

Intelligent Quantum Algorithms Popular Repositories

<https://github.com/quantumkhipus>

Is Post-Quantum Cryptography Secure Forever?

https://www.linkedin.com/posts/qt1c-islam_quantumlang-postquantumcryptography-quantumcomputing-share-7488498742661267458--KxS/



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Leading Quantum Computing Companies: System Topologies, Technologies, Pros & Cons

https://www.linkedin.com/posts/mohamed-boucekouf_quantumcomputing-quantumtechnology-quantumhardware-share-7491593428011773952-q2Ao/

Magic (Quantum Information)

[https://en.wikipedia.org/wiki/Magic_\(quantum_information\)](https://en.wikipedia.org/wiki/Magic_(quantum_information))

McKinsey Quantum Technology Monitor 2026: A Commercial Tipping Point

<https://www.mckinsey.com/capabilities/mckinsey-technology/our-insights/mckinsey-quantum-technology-monitor-2026-a-commercial-tipping-point>

Neurossance – The Future of Intelligence Begins Here

<https://neurossance.com/>

NIST Quantum Science

<https://www.nist.gov/quantum-science>

NSF National Quantum and Nanotechnology Infrastructure (NSF NQNI) Program

<https://www.nsf.gov/funding/opportunities/nqni-national-quantum-nanotechnology-infrastructure>

PyQpanda – Quantum Computing Framework

https://www.linkedin.com/posts/mohamed-boucekouf_opensource-quantumcomputing-pyqpanda-share-7489709618730778624-mk6H/

Qedma Quantum Computing

<https://www.linkedin.com/company/qedma/posts/>

QLab – National Quantum Laboratory at UMD

<https://www.linkedin.com/feed/update/urn:li:activity:7487927837547675650/>

Quantum Advantage – Beyond Hype Toward Real Impact

<https://www.linkedin.com/feed/update/urn:li:groupPost:12889077-7491865263609585664/>

Quantum Advantage – The ERAS Tour

https://www.linkedin.com/posts/robertmurray_quantumadvantageera-share-7488609659659145217-Jokh/

Quantum, AI, and Cybersecurity: The Cost of Waiting

https://www.linkedin.com/posts/reubenmaher_quantumcomputing-postquantumcryptography-ugcPost-7492912890442821633-Dxqh/

Quantum AI – The Next Computing Revolution

https://www.linkedin.com/posts/emmanuel-guerevitz-861b8539_quantumai-artificialintelligence-quantumcomputing-share-7479626894745690113-Rwms/

Quantum Amplitude Estimation (QAE)

https://www.linkedin.com/posts/sumit-patilquantumcomp_%F0%9D%97%A4%F0%9D%98%82%F0%9D%97%AE%F0%9D%97%BB%F0%9D%98%81%F0%9D%98%82%F0%9D%97%BA-%F0%9D%97%94%F0%9D%97%BA%F0%9D%97%BD%F0%9D%97%B9%F0%9D%97%B6%F0%9D%98%81%F0%9D%98%82%F0%9D%97%B1%F0%9D%97%B2-%F0%9D%97%98%F0%9D%98%80%F0%9D%98%81%F0%9D%97%B6%F0%9D%97%BA%F0%9D%97%AE%F0%9D%98%81%F0%9D%97%B6%F0%9D%97%BC%F0%9D%97%BB-share-748030778708077728-3YgC/

Quantum Circuits

<https://www.linkedin.com/feed/update/urn:li:groupPost:12889077-7494089547455328257/>

Quantum Computers Promise Mathematical Superpowers

<https://www.economist.com/science-and-technology/2026/07/29/quantum-computers-promise-mathematical-superpowers>

Quantum Computing

https://en.wikipedia.org/wiki/Category:Quantum_computing

Quantum Computing Community Education

<https://www.downes.ca/post/74638>

Quantum Computing Frontiers White Paper

https://www.linkedin.com/posts/michelkurek_white-paper-ugcPost-7485770417421463552-hTz1/

Quantum Computing – The Next Revolution in Computation

https://www.linkedin.com/posts/sumit-patilquantumcomp_quantum-computing-is-a-revolutionary-computing-share-7477411446327439360-ErPr/

Quantum Computing: The New Frontier of China's Technological Power

https://www.linkedin.com/posts/barbaresco_le-quantique-front-de-la-puissance-technologique-ugcPost-7490023082506629120-4ChE/

Quantum Crunch

<https://su-7432255.hs-sites.com/the-singularity-monthly-quantum-crunch>

Quantum Cryptography Books

https://www.linkedin.com/posts/kiran-kaur-raina-b2922622a_want-to-understand-quantum-cryptography-beyond-share-7429582445986988032-Czly/

Quantum Cryptography: Public Key Distribution and Coin Tossing

<https://arxiv.org/abs/2003.06557>

Quantum Genesis Project

<https://www.energy.gov/science/articles/energy-department-announces-initiative-create-and-deploy-worlds-first>

Quantum Information Science

https://en.wikipedia.org/wiki/Quantum_information_science

Quantum KNN

https://www.linkedin.com/posts/sumit-patilquantumcomp_what-is-quantum-knn-quantum-version-of-knn-share-7487554098071011328-Nb0n/

Quantum Machine Learning Architecture

<https://www.linkedin.com/feed/update/urn:li:groupPost:12889077-7491864705247084544/>

Quantum Mechanics Done Right – The Shortest Path from Novic to Researcher

https://www.linkedin.com/posts/bhagirathl_quantum-quantummechanics-quantumphysics-share-7487440139300839424-L3ME/

Quantum Mechanics – Quantum Physics – Quantum Theory

https://en.wikipedia.org/wiki/Category:Quantum_mechanics

Quantum Monte Carlo Integration

<https://www.linkedin.com/feed/update/urn:li:groupPost:12889077-7492959987883732993/>

Quantum Nano Resources – Transforming the Future Through NanoTechnology
<https://quantumnanoresources.com/>

Quantum Neural Networks (QNNs)
<https://www.linkedin.com/feed/update/urn:li:groupPost:12889077-7491906528652718080/>

Quantum Physics Papers
<https://x.com/QuantumPapers/status/2058675577503043691>

Quantum Portfolio Optimization
https://www.linkedin.com/posts/mfaryad_qiskit-ibmqquantum-qaoa-share-7491493107935399936-LhNg/

Quantum Research for the Real World
<https://quantum-working-groups.github.io/>

Quantum Resources – DoIT
<https://doit.illinois.gov/initiatives/doit-steam/resources/quantum/quantum-resources.html>

Quantum Resource Theories
<https://journals.aps.org/rmp/abstract/10.1103/RevModPhys.91.025001>

Quantum Resource Theory
<https://inspirehep.net/literature/2933677>

Quantum-Safe Enterprise AI Architecture
<https://www.linkedin.com/posts/quantumcomputing-enterpriseai-aiarchitecture-share-7472770944080625664-mKKr/>

Quantum's Bold Promise: What Business Leaders Need to Know
<https://www.mckinsey.com/capabilities/mckinsey-technology/our-insights/quantums-bold-promise-what-business-leaders-need-to-know>

Quantum States and Density of States
<https://www.downes.ca/post/79464>

Quantum Technology Monitor 2026: A Commercial Tipping Point
<https://www.mckinsey.com/capabilities/mckinsey-technology/our-insights/mckinsey-quantum-technology-monitor-2026-a-commercial-tipping-point>



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Quantum Technology Governance I – Law and Regulation

https://www.linkedin.com/posts/dr-michelrayman_quantum-technology-governance-ugcPost-7467120871804108800-h_br/

Quantum Walk – The Quantum Walk Through Possibility

https://www.linkedin.com/posts/sumit-patilquantumcomp_quantum-walk-definition-a-quantum-walk-share-7489297537666002944-ah8a/

QuBits – Quantum & AI

<https://www.linkedin.com/posts/quantum-computing-isnt-built-on-one-type-share-7463436156844679168-BiRd/>

Revisiting the Foundations of Quantum Computing

https://www.linkedin.com/posts/samyakdekate_quantumcomputing-qiskit-ibmquantum-share-7490988595105742848-hLDj/

The Dual Mandate of the Quantum Era: Governance of Quantum and Quantum-Enabled Governance

https://www.linkedin.com/posts/ingrid-vasiliu-feltes-mdmba_quantum-governance-computing-ugcPost-7438040974809010176--7Mw

The Ethics of Quantum Computing

<https://www.downes.ca/post/79299>

The Quantum Computing Ecosystem

https://www.linkedin.com/posts/swetlana-sch%C3%B6ner-6166bb187_quantumcomputing-quantumecosystem-enterprisetransformation-share-7479792062117261312-tke1/

The Quantum Economy Map – 112 Capabilities Shaping the Future of Technology

https://www.linkedin.com/posts/chakri-maganti-mba-71b24b4_quantum-ecosystem-landscape-112-capabilities-ugcPost-7438255434257309696-ZG_O/

Think Quantum

<https://www.rigetti.com/>

What Is Quantum Computing – A Strategic Guide for Executives

https://www.linkedin.com/posts/rushilanand_quantumcomputing-artificialintelligence-enterprisestrategy-ugcPost-7490829318961426432-raLb/

When AI Meets Quantum Information: A Comprehensive Review

<https://arxiv.org/pdf/2607.00365>

White House Commits \$2.1.2 Billion to Fault-Tolerant Quantum Computer by 2028

https://www.linkedin.com/posts/quantumcomputing-federalinvestment-quantummachinelearning-share-7482355351800020992-5_1K/



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2026 Subject Tracer™ Information Blogs

Subject Tracer™ Information Blogs created and developed by the Virtual Private Library™ combine the best of the latest tools on the Internet. Using bots, blogs and news aggregators the Subject Tracer™ Information blogs generate RSS feeds with the latest resources to create a current information resource flow through niched subject tracers. I am proud to be the creator of the Internet's first Subject Tracer™ Information Blogs:

Virtual Private Library™

<http://www.VirtualPrivateLibrary.com/>

Accessibility Resources

<http://www.AccessibilityResources.info/>

Agriculture Resources

<http://www.AgricultureResources.info/>

AnswerSpot

<http://www.AnswerSpot.co/>

Artificial Intelligence Resources

<http://www.AIResources.info/>

Astronomy Resources

<http://www.AstronomyResources.info/>

Auction Resources

<http://www.AuctionResources.info/>

Biological Informatics

<http://www.BiologicalInformatics.info/>

Biotechnology Resources

<http://www.BiotechnologyResources.info/>

Bot Research

<http://www.BotResearch.info/>

Business Intelligence Resources

<http://www.BIResources.com/>



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ChatterBots

<http://www.ChatterBots.info/>

Data Mining Resources

<http://www.DataMiningResources.info/>

Deep Web Research

<http://www.DeepWebResearch.info/>

Directory Resources

<http://www.DirectoryResources.info/>

eCommerce Resources

<http://eCommerceResources.info/>

Education and Academic Resources

<http://www.EducationResources.info/>

Elder Resources

<http://www.ElderResources.info/>

Employment Resources

<http://www.EmploymentResources.info/>

Entrepreneurial Resources

<http://www.EntrepreneurialResources.info/>

Fact Checkers Directory

<http://www.FactCheckers.us/>

Financial Sources

<http://www.FinancialSources.info/>

Finding People

<http://www.FindingPeople.info/>

Games Resources

<http://www.GamesResources.info/>

Genealogy Resources

<http://www.GenealogyResources.info/>

Grant Resources

<http://www.GrantResources.info/>

Green Files

<http://www.GreenFiles.info/>

Grid, Distributed and Cloud Computing Resources

<http://www.GridResources.info/>

Healthcare Resources

<http://www.HealthcareResources.info/>

Information Futures Markets

<http://www.InformationFuturesMarkets.com/>

Information Quality Resources

<http://www.InformationQualityResources.info/>

International Trade Resources

<http://www.InternationalTradeResources.info/>

Internet Alerts

<http://www.InternetAlerts.info/>

Internet Demographics

<http://www.InternetDemographics.info/>

Internet Experts

<http://www.InternetExperts.info/>

Internet Hoaxes

<http://www.InternetHoaxes.info/>

Intrapreneurial Resources

<http://www.IntrapreneurialResources.info/>

Journalism Resources

<http://www.JournalismResources.info/>

Knowledge Discovery

<http://www.KnowledgeDiscovery.info/>

Military Resources

<http://www.MilitaryResources.info/>

New Economy Analytics, Resources and Alerts

<http://www.NewEconomyAnalytics.com/>

Outsourcing/Offshoring Information and Resources

<http://www.OutsourcingOffshore.us/>

Predictions Markets

<http://www.PredictionMarkets.com/>

Privacy Resources

<http://www.PrivacyResources.info/>

Reference Resources

<http://www.ReferenceResources.info/>

Research Resources

<http://www.ResearchResources.info/>

RestStress™

<http://www.RestStress.com/>

Script Resources

<http://www.ScriptResources.info/>

ShoppingBots

<http://www.ShoppingBots.info/>

Social Informatics

<http://www.SocialInformatics.info/>

Statistics Resources and Big Data
<http://www.StatisticsResources.info/>

Student Research Resources
<http://www.StudentResearch.info/>

Theology Resources
<http://www.TheologyResources.info/>

Tutorial Resources
<http://www.TutorialResources.info/>

World Wide Web Reference
<http://www.WWWReference.info/>

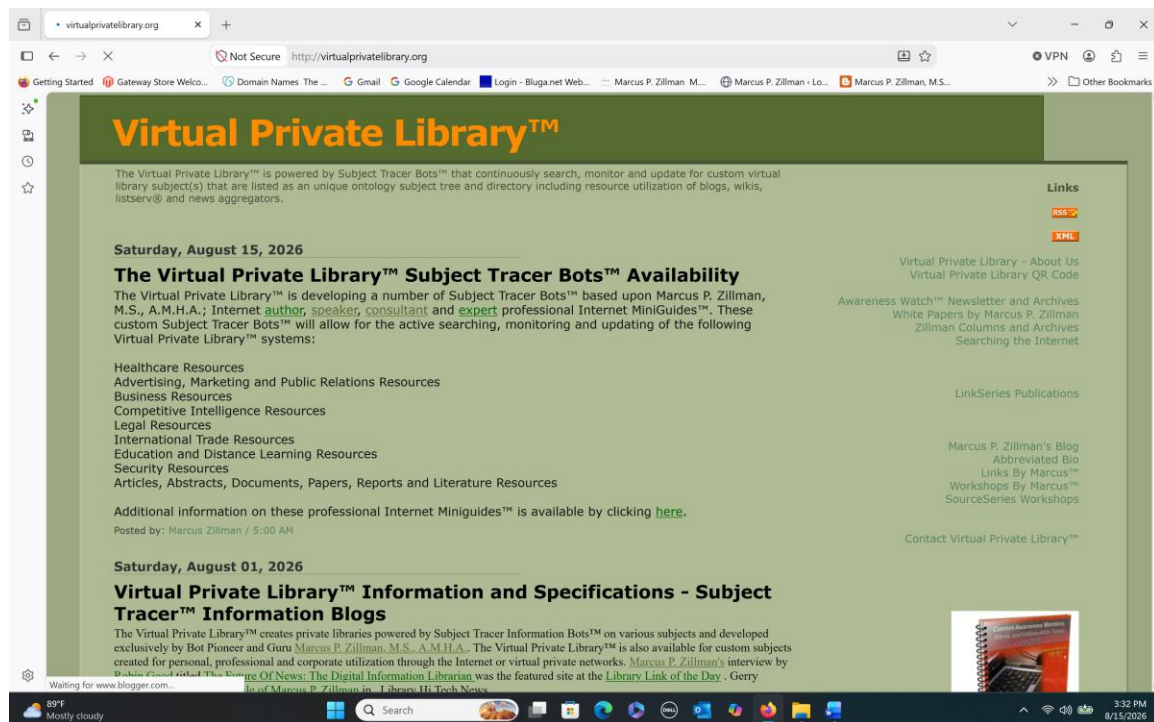


Figure 1: Virtual Private Library™

Author Information: Marcus P. Zillman, M.S., A.M.H.A. Executive Director of the Virtual Private Library is an international Internet expert, author, keynote speaker and corporate consultant in the area of information retrieval, knowledge discovery,

knowledge harvesting, artificial intelligence and bots/intelligent agents. He has created numerous world wide web sites including 54 Subject Tracer™ Information Portals and Blogs; written a number of internet miniguides, white papers, manuals and books; hosted over 160 weekly Internet television shows, writes a weekly and monthly column on Current Awareness on the Internet; writes a monthly newsletter Awareness Watch and delivers keynote presentations throughout the international marketplace. He also actively delivers one and two day workshops for key industry sectors displaying how the Internet can be used as a tool to maintain current awareness and professional competencies. Additional websites by Marcus P. Zillman, M.S., A.M.H.A.:

Marcus P. Zillman's Blog (30,000+ Postings)

<http://www.zillman.us/>

Marcus P. Zillman Abbreviated Bio

<http://www.zillman.info/>

Awareness Watch™ Newsletter

<http://www.AwarenessWatch.com/>

Marcus P. Zillman's Columns

<http://www.ZillmanColumns.com>

LinkSeries Publications

<http://www.LinkSeries.com/>

Links By Marcus™

<http://www.LinksByMarcus.com/>

Workshops By Marcus™

<http://www.WorkshopsByMarcus.com/>

SourceSeries Internet Research Workshops

<http://www.SourceSeries.com/>

Watch Marcus™

<http://www.WatchMarcus.com/>

Listen To marcus™

<http://www.ListenToMarcus.com>

Research White Papers, Articles, Lectures and Speeches by Marcus P. Zillman, M.S., A.M.H.A.:

2026 Directory of Directories

<http://www.2026DirectoryOfDirectories.com/>

2026 Green Files

<http://www.GreenFiles.info/>

2026 Guide to Finding Experts by Using the Internet

<http://www.FindingExperts.info/>

2026 Guide to Finding People Resources and Sites

<http://www.FindingPeople.info/>

2026 Guide to Internet Privacy Resources and Tools

<http://www.PrivacyResources.info/>

2026 Guide to Searching the Internet

<http://www.SearchingTheInternet.info/>

2026 New Economy Resources

<http://www.NewEconomyResources.com/>

2026 Publications by Marcus P. Zillman, M.S., A.M.H.A.

<https://www.Zillman.us/bio/>

2026 Reference Resources

<http://www.ReferenceResources.info/>

Academic and Scholar Search Engines and Sources 2026

<http://www.ScholarSearchEngines.com/>

Agentic Agents SPOT 2026

<http://www.AgenticAgentsSpot.com/>

Artificial Intelligence (AI) Agent Spot 2026

<http://www.AgentAISpot.com/>



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<http://www.AIDiscoveryTools.com/>

Artificial Intelligence (AI) Governance Resources 2026

<http://www.AIGovernanceResources.com/>

Artificial Intelligence (AI) Governance Checklist 2026

<http://www.AIGovernanceChecklist.com/>

Artificial Intelligence (AI) Guide for the 2026 Entrepreneur

<http://www.AIGuide2026Entrepreneur.com/>

Artificial Intelligence (AI) MiniGuide 2026

<http://www.Aiminiguide.com/>

Artificial Intelligence (AI) Resources 2026

<http://www.AIResources.info/>

Bots, Blogs and News Aggregators 2026

<http://www.BotsBlogs.com/>

Business Intelligence Online Resources 2026

<http://www.BIOOnlineResources.com/>

Cloud Computing Resources Primer 2026

<http://www.zillman.us/white-papers/grid-distributed-and-cloud-computing-resources-primer/>

Current Awareness Tools 2026

<http://www.CurrentAwarenessTools.com/>

Deep Web Research and Discovery Resources 2026 Online White Paper

<http://DeepWeb.us/>

eMarketing MiniGuide 2026

<http://www.eMarketingMiniGuide.com/>

eReference Library Link Toolkit 2026

<http://www.eReferenceLibrary.com/>



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Fact Check Resources Miniguide 2026

<http://www.FactCheckMiniguide.com/>

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Finding People Resources and Sites 2026

<http://www.FindingPeople.info/>

GenerativeAI Resources 2026

<http://GenerativeAIResources.com/>

Healthcare Bots and Subject Directories 2026

<http://www.HealthcareBots.info/>

Knowledge Discovery Resources 2026

<http://www.KDResources.info/>

New Economy Resources 2026

<http://www.NewEconomyResources.com/>

New Normal StartUp Resources 2026

<http://www.NewNormalStartUpResources.com/>

Online Research Browsers and Data Visualization Tools 2026

<http://www.zillman.us/white-papers/online-research-browsers/>

Online Research Tools 2026

<http://www.OnlineResearchTools.info/>

Online Social Networking 2026

<http://www.OnlineSocialNetworking.info/>

Open DataSets 2026

<http://www.OpenDataSets.info/>

Open Educational Resources (OER) Sources 2026

<http://www.OERSources.com/>



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Open MetaVerse Resources 2026

<http://www.OpenMetaVerse.us/>

Open Source Artificial Intelligence Agents (OSAIA) MiniGuide 2026

<http://www.OSAIAminiguide.com/>

Open Source Intelligence (OSINT) Miniguide 2026

<http://www.OSINTminiguide.com>

Quantum Resources 2026

<http://www.QuantumResources.info/>

Prompt Catalog 2026 for Artificial Intelligence

<http://www.PromptCatalog.ai/>

Searching the Internet 2026

<http://www.SearchingTheInternet.info/>

Social Informatics 2026

<http://www.SocialInformatics.net/>

Subject Tracers 2026

<http://www.SubjectTracers.com/>

Using the Internet and AI as a Dynamic Resource Tool for Knowledge Discovery 2026

<http://www.zillman.us/white-papers/using-the-internet-as-a-dynamic-resource-tool-for-knowledge-discovery/>

Web Data Extractors 2026

<http://www.WebDataExtractors.com/>

Web Guide for the New Economy 2026

<http://www.WebGuideNewEconomy.com/>

White Papers 2026 by Marcus P. Zillman, M.S., A.M.H.A.

<http://www.WhitePapers.us>

Internet Tutor by Marcus P. Zillman, M.S., A.M.H.A.

<http://www.InternetTutor.info/>

Visit this site to learn about the availability of Marcus P. Zillman to tutor you or your associate one on one in the privacy of your residence or office on the latest happenings of the Internet including Internet basics to advanced Internet searching using bots and creating your own personal blog.

Internet Speaking by Marcus P. Zillman, M.S., A.M.H.A.

<http://www.InternetSpeaker.net>

Visit this site to learn about Marcus P. Zillman's speaking engagements for your organization meetings and events. View and listen to his previous presentations as well as his weekly television shows.

Internet Consulting by Marcus P. Zillman, M.S., A.M.H.A.

<http://InternetConsultant.BlogSpot.com/>

Visit this site to obtain information about obtaining the consultation services of Marcus P. Zillman for your company including eCommerce audits, utilization of bots, blogs and news aggregators or the creation of your own personal virtual private library powered by Subject Tracer™ Information bots!

Current Awareness Monitors, Alerts and Information Traps

<http://www.ecurrentAwareness.com/>

Marcus P. Zillman's latest report Current Awareness Monitors, Alerts and Information Traps for is available for purchase online and for immediate download. This report is a comprehensive listing of the latest resources, sources and sites for current awareness on the Internet. This is a must read for anyone who must stay current in their profession and/or business activity as the list of URLs will keep you at the leading edge of your career.

Market Intelligence Resources

<http://www.MarketIntelligenceResources.com/>

Marcus P. Zillman's just released professional Internet MiniGuide is titled Market Intelligence Resources and is available for purchase online and immediate download. This 193 page digital miniguide represents a comprehensive listing of the latest resources, sources and sites to discover the latest Market Intelligence sources available on the Internet with many of them freely available! Designed specifically for today's entrepreneur, professional and/or investor.

Entrepreneurial Links 101

<http://www.EntrepreneurialLinks.com/>

Marcus P. Zillman's newly released 231 page eReference digital book for the up and coming entrepreneur. Entrepreneurial Links 101 gives an alphabetical listing of the very best Internet and World Wide Web sites covering Entrepreneur Resources, Business Intelligence Resources and an extremely comprehensive list of Online Research Tools. This is considered by many to be the entrepreneur's bible for finding relevant and competent online resources!

Internet Privacy and Security Resources

<http://www.InternetPrivacySecurity.net/>

Marcus P. Zillman's latest eReference digital publication is a selected comprehensive alphabetical listing of the latest resources and sites covering all aspects of privacy and security currently available over the Internet. From the board room to the family room, these resources and sites give you the information you need to maintain your privacy and security as you use the Internet in your business and personal life.

Research Resources Online Guide

<http://www.ResearchResourcesOnline.net/>

Marcus P. Zillman's latest [LinkSeries Publication](#) is a 340 page digital guide of a selected comprehensive alphabetical listing of the latest and greatest resources and sites covering all areas of research that is currently available over the Internet. The guide covers online research resources and tools for the Newbie to research as well as the Seasoned researcher. Contents include: a) Research Resources, b) Research Tools, c) Student Research Resources Toolkit, d) Knowledge Discovery/Management and Data Mining Resources, e) Knowledge Discovery/Retrieval and the World Wide Web Resources, f) Business Intelligence Resources, g) Reference Resources, and h) Subject Tracer™ Information Blogs.

The Survivor's Manual for The New Economy.

<http://www.NewEconomyManual.com/>

Marcus P. Zillman's latest LinkSeries Publication is a 239 page digital read that gives excellent resources and annotated sources for the new economy analytics, alerts, ecommerce, financial sources, invisible and deep web resources, social and business networking sources along with new economy competitive and business intelligence resources and an extremely comprehensive listing of new economy online tools.