

# 2023 Artificial Intelligence (AI) MiniGuide

By

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The **2023 Artificial Intelligence (AI) MiniGuide** is a comprehensive list of competent artificial intelligence resources that are currently available on the Internet. The below list of sources is partially taken from my Subject Tracer™ and white paper titled Artificial Intelligence Resources 2022 and is constantly updated with Subject Tracer™ bots at the following URL:

<http://www.AIResources.info>

These resources and sources will help you to discover the many pathways available to you through the Internet to find the latest competent AI resources and sites.

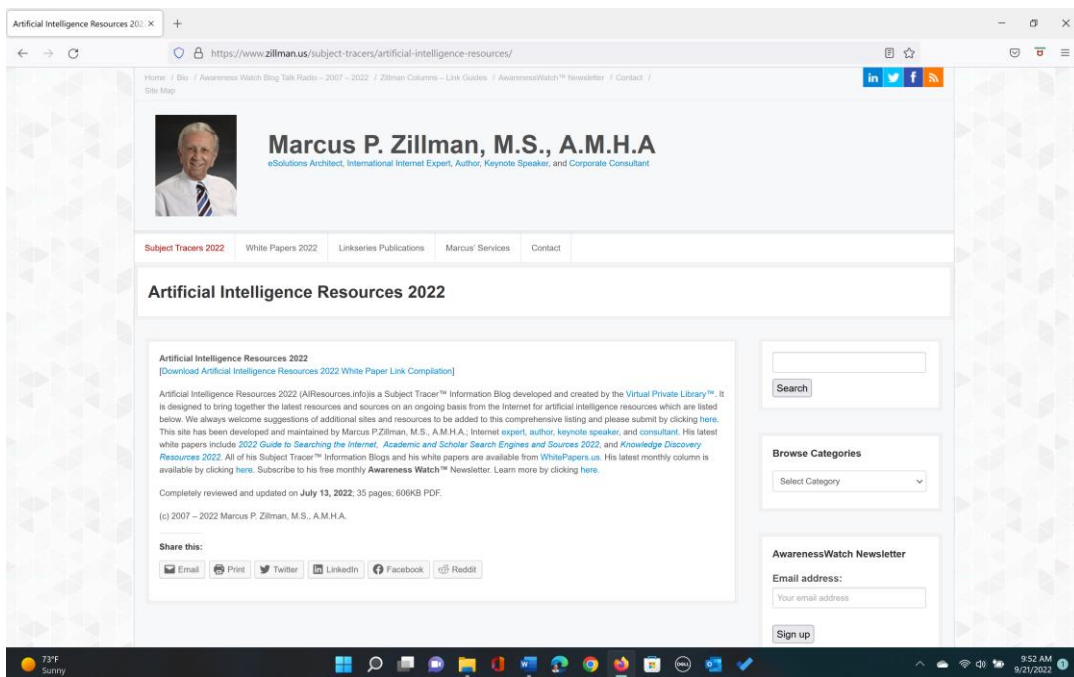


Figure 1: Internet Experts 2022

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# **2023 Artificial Intelligence (AI) MiniGuide::**

**22 Experts Predict How Artificial Intelligence Will Impact the Enterprise Workplace by Rakesh Reddy**

<http://acuvate.com/blog/22-experts-predict-artificial-intelligence-impact-enterprise-workplace/>

**3 Machine Learning Algorithms You Need to Know by Eleni Markou**

<https://dzone.com/articles/3-machine-learning-algorithms-you-need-to-know>

**4 Ways Artificial Intelligence Will Change Just About Everything**

<http://www.business2community.com/brandviews/salesforce/4-ways-artificial-intelligence-will-change-just-everything-01622417#7BUdk8QzRwlxYIcD.97>

**5 Free Courses for Getting Started in Artificial Intelligence**

<https://www.kdnuggets.com/2017/02/5-free-courses-getting-started-artificial-intelligence.html>

**6 AI-Powered Tools All Entrepreneurs Need To Run Their Business by Artur Kiolian**

<https://www.entrepreneur.com/article/298628>

**7 Factors Driving the Artificial Intelligence Revolution**

<http://singularityhub.com/2016/08/29/7-factors-driving-the-artificial-intelligence-revolution/>

**8 AI and Data Science Buzzwords Marketers Need To Know Now by Tim Hoolihan**

<http://www.business2community.com/marketing/8-ai-data-science-buzzwords-marketers-need-know-now-01929856#mM0gro7kq56uLUYu.97>

**10 Successful Applications Of AI In Business**

<https://www.forbes.com/sites/williamfalcon/2018/07/31/10-successful-applications-of-ai-in-business/>

**12 AI Quotes Everyone Should Read by Bernard Marr**

<https://www.forbes.com/sites/bernardmarr/2017/09/22/12-ai-quotes-everyone-should-read/>



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### **14 Incredible Artificial Intelligence Pioneers Everyone Should Know About**

<https://www.forbes.com/sites/bernardmarr/2018/07/09/14-incredible-artificial-intelligence-pioneers-everyone-should-know-about/>

### **25 Excellent Machine Learning Open Datasets**

<https://opendatascience.com/25-excellent-machine-learning-open-datasets/>

### **30 Free Resources for Machine Learning, Deep Learning, NLP and AI**

<https://www.kdnuggets.com/2018/06/30-free-resources-machine-learning-deep-learning-nlp-ai.html>

### **2022 Directory of Directories**

<http://www.2022DirectoryOfDirectories.com/>

### **2022 Guide to Finding Experts by Using the Internet**

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

### **2022 Guide to Finding People Resources and Sites**

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

### **2022 Guide to Internet Privacy Resources and Tools**

<http://www.2022InternetPrivacy.com/>

### **2022 Guide to Searching the Internet**

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

### **2022 New Economy Resources**

<http://www.2022NewEconomy.com/>

### **A Beginner's Guide to AI: Algorithms**

<https://thenextweb.com/artificial-intelligence/2018/08/02/a-beginners-guide-to-ai-algorithms/>

### **About Intelligence**

<http://www.aboutintelligence.co.uk/>

### **Adaptive Artificial Intelligence**

<http://adaptiveai.com/>



**A Human's Guide to Machine Intelligence by Kartik Hosanagar**  
<https://wdp.wharton.upenn.edu/book/a-humans-guide-to-machine-intelligence/>

**AI2 - Allen Institute for Artificial Intelligence – AI for the Common Good**  
<http://allenai.org/>

**AI Genealogy Project**  
<http://content.iospress.com/articles/ai-communications/aic371>

**AI Impacts**  
<http://aiimpacts.org/>

**AI is Now the Best Friend IT Ever Had by Abbas Haider Ali**  
<https://venturebeat.com/2017/04/08/ai-is-now-the-best-friend-it-ever-had/>

**AI Knowledge Map: How To Classify AI Technologies**  
<https://www.forbes.com/sites/cognitiveworld/2018/08/22/ai-knowledge-map-how-to-classify-ai-technologies/>

**AI Now Institute**  
<https://ainowinstitute.org/>

**AI Predicts Side Effects for Millions of Drug Combos**  
<https://www.futurity.org/artificial-intelligence-drug-combinations-1808212/>

**AI Repositories and Resource Lists**  
<http://www.cs.cmu.edu/afs/cs.cmu.edu/project/ai-repository/ai/html/other/repositories.html>

**AI Resources**  
<http://AIResources.org/>

**AI Resources – Association for the Advancement of Artificial Intelligence**  
<http://www.aaai.org/Resources/resources.php>

**AISB - The Society for the Study of Artificial Intelligence and the Simulation of Behaviour**  
<http://www.aisb.org.uk/>



**AI Topics – Official Publication of the AAAI**

<http://aitopics.org/>

**AI Weekly by Essentials**

<http://aiweekly.co/>

**Alan Turing Institute Provides AI Startups with Opportunity to Collaborate with Researchers**

<https://www.computerweekly.com/news/252447070/Alan-Turing-Institute-provides-AI-startups-with-opportunity-to-collaborate-with-researchers>

**Algorithm Beats Humans for Sniffing Out Fake News**

<https://www.futurity.org/fake-news-detecting-algorithm-1844942/>

**Algorithm Watch**

<https://algorithmwatch.org/>

**Algorithmia and DataRobot Enabling AI In Every Application**

<https://algorithmia.com/>

**Algorithms, Automation and News – Neil Thurman Blog**

<http://www.algorithmic.news/>

**American Association for Artificial Intelligence (AAAI)**

<http://www.aaai.org/>

**Amzi!**

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

**An Absolute Beginner’s Guide To Machine Learning, Deep Learning and AI**

<https://www.techinasia.com/ai-machine-deep-learning>

**An AI Lab in a Library**

<https://americanlibrariesmagazine.org/blogs/the-scoop/ai-lab-library/>

**An Executive’s Guide to AI**

<https://www.mckinsey.com/business-functions/mckinsey-analytics/our-insights/an-executives-guide-to-ai>



**api.ai – DialogFlow Speech Interface for Apps and Devices**  
<http://api.ai/>

**Applied Soft Computing Journal**  
<http://www.sciencedirect.com/science/journal/15684946>

**Appreciative Inquiry (AI) Commons**  
<http://appreciativeinquiry.case.edu/>

**Aristo – Build Machines that Read, Learn and Reason**  
<https://allenai.org/aristo/>

**Artificial General Intelligence Is Here, and Impala Is Its Name - ExtremeTech**  
<https://www.extremetech.com/extreme/275768-artificial-general-intelligence-is-here-and-impala-is-its-name>

**Artificial Intelligence: A Modern Approach 4<sup>th</sup> US ed.**  
<http://aima.cs.berkeley.edu/>

**Artificial Intelligence and Future Scenarios**  
<https://frankdiana.net/2016/08/03/artificial-intelligence-and-future-scenarios/>

**Artificial Intelligence – Game Changing AI Innovations**  
<https://www.accenture.com/us-en/artificial-intelligence-index>

**Artificial Intelligence Graduate Certificate**  
<http://scpd.stanford.edu/public/category/courseCategoryCertificateProfile.do?method=load&certificateId=1226717>

**Artificial Intelligence Markup Language (AIML)**  
<https://en.wikipedia.org/wiki/AIML>

**Artificial Intelligence Podcast**  
<https://future.a16z.com/podcasts/what-is-artificial-intelligence/>

**Artificial Intelligence Resources 2022**  
<http://www.AIResources.info/>

**Artificial Intelligence vs Machine Learning vs Deep Learning by Dawn Parzych**  
<https://dzone.com/articles/the-differences-between-ai-and-ml>

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## **Artificial Intelligence – Wikipedia**

[https://en.wikipedia.org/wiki/Artificial\\_intelligence](https://en.wikipedia.org/wiki/Artificial_intelligence)

## **Artificial Intelligence Will Speak Its Own Language – Soon**

<https://medium.com/@ScienceEditor/artificial-intelligence-will-speak-its-own-language-soon-411eb13a1aeb>

## **Artificially Intelligent: A Brief Glossary of the Ideas Behind AI**

<http://www.cnet.com/news/artificially-intelligent-a-brief-glossary-of-the-ideas-behind-ai/>

## **Association for Uncertainty in Artificial Intelligence (AUAI)**

<http://www.auai.org/>

## **Auditing Algorithms: Adding Accountability to Automated Authority**

<http://auditingalgorithms.science/>

## **Augmented Data Discovery Resources 2022**

[http://whitepapers.virtualprivatelibrary.net/Augmented\\_Data\\_Discovery.pdf](http://whitepapers.virtualprivatelibrary.net/Augmented_Data_Discovery.pdf)

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

## **AutoStitch - A New Dimension In Automatic Image Stitching**

<http://cs.bath.ac.uk/brown/autostitch/autostitch.html>

## **A Visual Introduction to Machine Learning**

<http://www.r2d3.us/visual-intro-to-machine-learning-part-1>

## **Awesome Machine Learning for Cyber Security**

<https://github.com/jivoi/awesome-ml-for-cybersecurity>

## **Beautiful AI - Fresh Way To Build Presentations**

<https://www.beautiful.ai/>

## **Benchmarking CrunchBases's Top 25 Artificial Intelligence Startups**

<http://www.forbes.com/sites/louiscolombus/2016/06/22/benchmarking-crunchbases-top-25-artificial-intelligence-startups/#3932225a69fd>

## **Bibliographies on Artificial Intelligence**

<http://iinwww.ira.uka.de/bibliography/Ai/>



**Bot and Intelligent Agent Research Resources 2022**

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

**BRAIN: Broad Research in Artificial Intelligence and Neuroscience**

<http://brain.edusoft.ro/index.php/brain>

**Caffe - Deep Learning Framework**

<http://caffe.berkeleyvision.org/>

**Caffe2 – New Lightweight, Modular, and Scalable Deep Learning Framework**

<https://caffe2.ai/>

**Canada Sets Up \$93 Million Fund To Promote Artificial Intelligence In Its Academies**

<http://www.nearshoreamericas.com/canada-fund-promote-artificial-intelligence/>

**CGAL - Computational Geometry Algorithms Library**

<http://www.cgal.org/>

**Char-RNN**

<https://github.com/karpathy/char-rnn>

**ChatterBots 2022**

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

**Choosing the Right Estimator for Machine Learning Problems**

[http://scikit-learn.org/stable/tutorial/machine\\_learning\\_map/](http://scikit-learn.org/stable/tutorial/machine_learning_map/)

**Cloud AutoML Alpha**

<https://cloud.google.com/automl/>

**Clouderizer - Democratizing Deep Learning**

<https://clouderizer.com/>

**Coda – Cloud-Based Document Editor**

<https://coda.io/>

**CognitiveScale® - Augmented Intelligence Primer**

<https://www.cognitivescale.com/augmented-intelligence-you-can-trust/>





**Colaboratory - Research Tool for Machine Learning and Research**  
<https://research.google.com/colaboratory/>

**Comet - Supercharge Machine Learning**  
<https://www.comet.ml/>

**Contus – Limitless Digital**  
<https://www.contus.com/>

**Core ML - Integrate Machine Learning Models Into Your App**  
<https://developer.apple.com/documentation/coreml>

**Cybernetics and Systems Analysis**  
<http://link.springer.com/journal/10559>

**DAO Resources 2022**  
<http://www.DAOResources.com/>

**DAOstack – Building Collaborative Networks**  
<https://daostack.io/>

**DARPA Pushes for AI That Can Explain its Decisions**  
<https://www.engadget.com/2018/07/23/darpa-third-wave-ai-support/>

**DataRobot – Enabling the AI-Driven Enterprise**  
<http://www.datarobot.com/>

**Data Mining Resources 2022**  
<http://www.DataMiningResources.info/>

**DatumBox – Machine Learning Framework**  
<http://www.datumbox.com/>

**Decentralized Artificial Intelligence Alliance**  
<https://daia.foundation/>

**Decentralized Finance and Neural Networks**  
<https://olportal.ai/>



**Deep Learning Weekly**

<http://deeplearningweekly.com/>

**DeepMind - World Leader In Artificial Intelligence Research**

<https://deepmind.com/>

**Dialogflow - Build Natural and Rich Conversational Experiences**

<https://dialogflow.com/>

**Digital Leaders - Leadership in a Digital Age**

<https://digileaders.com/>

**Distill - Dedicated To Clear Explanations of Machine Learning**

<https://distill.pub/>

**Dreams From Creativity Machines by Imagination Engines and Neural Network Pioneer Dr. Stephen Thaler**

<http://www.Imagination-Engines.com/>

**eBrevia – Contract Review and Data Extraction Powered by AI**

<https://ebrevia.com/>

**EdCast’s AI-Powered Knowledge Cloud**

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

**Edinburgh University, Informatics and Artificial Intelligence**

<http://www.ed.ac.uk/schools-departments/informatics/>

**Ejenta - Intelligent Agents for Connected Care**

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

**Emerj – The AI Research and Advisory Company**

<https://emerj.com/>

**Encog – Encog Machine Learning Framework**

<http://www.heatonresearch.com/encog>

**Ethics and Governance of Artificial Intelligence**

<https://cyber.harvard.edu/research/ai>



### **Evolutionary Intelligence**

<http://www.springer.com/engineering/computational+intelligence+and+complexity/journal/12065>

### **Executive's Guide to Developing AI at Scale**

<https://www.mckinsey.com/business-functions/mckinsey-analytics/our-insights/executives-guide-to-developing-ai-at-scale#intro>

### **Exploratory – Democratize Data Science**

<https://exploratory.io/>

### **FacebookResearch> Library for Fast Text Representation and Classification**

<https://github.com/facebookresearch/fastText>

### **Fairness, Accountability, and Transparency in Machine Learning (FAT ML)**

<https://www.fatml.org/>

### **Fast.ai – Making Neural Nets Uncool Again**

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

### **Feng-GUI – Predictive Visual Analytics**

<http://www.feng-gui.com/>

### **FloydHub Is Heroku for Deep Learning (DL)**

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

### **Framsticks - Artificial Life - 3D Evolution and Simulation**

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

### **Franz, Inc. Web 3.0's database**

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

### **Free Online Directory of Computing (FOLDOC)**

<http://www.foldoc.org/>

### **From Drug R&D To Diagnostics: 90+Artificial Intelligence Startups In Healthcare**

<https://www.cbinsights.com/research/artificial-intelligence-startups-healthcare>

### **Genus AI - Activate, Engage and Understand Your Customers**

<https://genus.ai/>



**Gnod – Global Network of Discovery**

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

**Google AI Blog**

<https://ai.googleblog.com/>

**GROBID**

<https://github.com/kermitt2/grobid>

**GrowJo – Fastest Growing Companies Under 1000 Employees**

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

**H2O.ai – Democratize AI**

<https://www.h2o.ai/>

**Hendrix - The No-Brainer Way To Have More Effective Meetings**

<https://hendrix.ai/>

**Heuristics and Artificial Intelligence in Finance and Investment [Book]**

<http://aiinfinance.com/>

**How Is AI Used In Healthcare - 5 Powerful Real-World Examples That Show The Latest Advances**

<https://www.forbes.com/sites/bernardmarr/2018/07/27/how-is-ai-used-in-healthcare-5-powerful-real-world-examples-that-show-the-latest-advances/>

**How Machine Learning As a Service Is Transforming Cloud by VJin Boricha**

<https://hub.packtpub.com/how-machine-learning-as-a-service-transforming-cloud/>

**How To Accelerate Value Creation Through Artificial Intelligence**

<https://www.forbes.com/sites/peterbendorsamuel/2017/04/12/how-to-accelerate-value-creation-through-artificial-intelligence/>

**How To Learn About The Future Of Artificial Intelligence And Work Without Leaving Your Office**

<https://www.forbes.com/sites/laurencoleman/2018/07/17/how-to-learn-about-the-future-of-artificial-intelligence-and-work-without-leaving-your-office/>



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**Hulbee - Intelligent Answer Engine Swisscows**

<https://hulbee.com/>

**IBM Artificial Intelligence – Learn How To Operationize AI In Your Business**

<https://www.ibm.com/watson/>

**IBM Watson Blog**

<https://www.ibm.com/blogs/watson/>

**IBM Watson Services – IBM Watson Products and Solutions**

<https://www.ibm.com/watson/products-services/>

**Imagination-Engines**

<http://www.Imagination-Engines.com/>

**Import AI – Newsletter About AI Archives**

<https://jack-clark.net/>

**Index of Best AI/Machine Learning Resources**

<https://hackernoon.com/index-of-best-ai-machine-learning-resources-71ba0c73e34d>

**Institute for Human and Machine Cognition (IHMC)**

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

**Intelligence On Demand – Hybrid AI - Processing Data with Smart AI and Smart(er) Humans**

<https://heatintelligence.com/>

**Interesting AI Demos and Projects Part of Introduction to Artificial Intelligence CS 540**

<http://pages.cs.wisc.edu/~dyer/cs540/demos.html>

**International Association of Artificial Intelligence and Law (IAAIL)**

<http://www.iaail.org/>

**International Journal on Artificial Intelligence Tools (IJAIT)**

<http://www.worldscientific.com/worldscinet/ijait>



**Introduction to TensorFlow – An End to End Open Source Machine Learning Platform**

<https://www.tensorflow.org/>

**IRIS.AI – Youe Research Workspace**

<https://iris.ai/>

**Java Applets for Neural Network and Artificial Life**

<http://staff.aist.go.jp/utsugi-a/Lab/Links.html>

**JigSaw – Creating Future-Defining Technology**

<https://jigsaw.google.com/issues/#intra>

**Jog.ai – Perfect Memory For All Your Calls**

<https://jog.ai/index.html>

**Journal of Artificial Intelligence Research**

<http://www.jair.org/>

**Journal of Artificial Societies and Social Simulation (JASSS)**

<http://jasss.soc.surrey.ac.uk/JASSS.html>

**Journal of Interesting Negative Results in Natural Language Processing and Machine Learning (JINR)**

<http://jinr.site.uottawa.ca/>

**Journal of Machine Learning Research**

<http://www.jmlr.org/>

**Kaggle - Home of Data Science and Machine Learning**

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

**Keras: The Python Deep Learning Library**

<https://keras.io/>

**KurzweilAI.net – Accelerating Intelligence**

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



**Learning Path: An introduction to the Model Asset Exchange**

<https://developer.ibm.com/series/create-model-asset-exchange/>

**Let's Take an In-Depth Look at Current Advances in Artificial Intelligence by Trevor English**

<http://interestingengineering.com/in-depth-look-at-current-advances-artificial-intelligence/>

**List of the Best Resources to Learn the Foundations of Artificial Intelligence**

<https://medium.com/@rayalez/list-of-the-best-resources-to-learn-the-foundations-of-artificial-intelligence-934dbce5939>

**Logic Programming Associates - LPA**

<http://www.lpa.co.uk>

**Lumen5 – Video Creator for Content Marketing**

<https://lumen5.com/>

**LYREBIRD – Using Artificial Intelligence To Enable Creative Expression**

<https://lyrebird.ai/>

**Machine Learning Algorithm Cheat Sheet for Microsoft Azure Machine Learning Studio**

<https://azure.microsoft.com/en-in/documentation/articles/machine-learning-algorithm-cheat-sheet/>

**Machine Learning Cheat Sheet**

<https://github.com/soulmachine/machine-learning-cheat-sheet>

**Machine Learning for Humans**

<https://medium.com/machine-learning-for-humans/why-machine-learning-matters-6164faf1df12>

**Machine Learning from Scratch**

<https://github.com/eriklindernoren/ML-From-Scratch>

**Machine Learning on AWS**

<https://aws.amazon.com/machine-learning/>



**Machine Learning Yearning by Andrew Ng**

[https://gallery.mailchimp.com/dc3a7ef4d750c0abfc19202a3/files/0d2d4a3b-96ab-4a8e-aa15-9320a70852b8/NG\\_MLY01\\_10.pdf](https://gallery.mailchimp.com/dc3a7ef4d750c0abfc19202a3/files/0d2d4a3b-96ab-4a8e-aa15-9320a70852b8/NG_MLY01_10.pdf)

**Machine Translation**

<http://link.springer.com/journal/10590>

**Mallet - MACHine Learning for Language Toolkit**

<http://mallet.cs.umass.edu/>

**Microsoft Azure Cognitive Services**

<https://azure.microsoft.com/en-in/services/cognitive-services/>

**Microsoft Cognitive Toolkit**

<https://www.microsoft.com/en-us/cognitive-toolkit/>

**MindMeld – Conversational AI Platform for Deep-Domain Voice Interfaces and Chatbots**

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

**Minds and Machines**

<http://link.springer.com/journal/11023>

**MIRI - Machine Intelligence Research Institute**

<https://intelligence.org/>

**MIT AI Lab Research Projects**

<http://www.csail.mit.edu/research/>

**MIT Made an Image Editing AI That Can Replace the Background in any Image**

<https://thenextweb.com/artificial-intelligence/2018/08/21/mit-made-an-image-editing-ai-that-can-replace-the-background-in-any-image/>

**ML Kit - Machine Learning for Mobile Developers**

<https://developers.google.com/ml-kit/>

**MOA (Massive Online Analysis) – MOA Machine Learning for Data Streams**

<http://moa.cms.waikato.ac.nz/>





**Motion AI - Artificial Intelligence Made Easy**

<http://motion.ai/>

<https://www.hubspot.com/products/crm/chatbot-builder>

**Mycroft AI – The Private and Open Voice Assistant**

<https://mycroft.ai/>

**Natural Computing: An International Journal**

<http://link.springer.com/journal/11047>

**Neurence - Intelligent Information Platform**

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

**Neuroph - Java Neural Network Framework**

<http://neuroph.sourceforge.net/>

**Neuton TinyML - Disruptive Neural Network Framework**

<https://neuton.ai/>

**Next Step for Artificial Intelligence: The Autonomous Enterprise by Chuck Hollis**

<https://www.forbes.com/sites/oracle/2018/08/23/next-step-for-artificial-intelligence-the-autonomous-enterprise>

[#56eb253126b9](https://www.forbes.com/sites/oracle/2018/08/23/next-step-for-artificial-intelligence-the-autonomous-enterprise/#56eb253126b9)

**Notion – Unrivalled Market Intelligence Through Dynamic Global Analysis**

<https://notion.ai/>

**nTeligence – Experts in Artificial Intelligence**

<http://www.nteligence.com/index.html>

**Octopus.do – A Lightning Fast Visual Sitemap Builder**

<https://octopus.do/>

**OECD.AI – Policy Observatory**

<https://oecd.ai/>

**On-Device AI**

<https://www.technologyreview.com/hub/ubiquitous-on-device-ai/>



## **OpenAI**

<http://sourceforge.net/projects/openai/>

<http://openai.sourceforge.net/>

## **OpenAI Baselines: DQN**

<https://blog.openai.com/openai-baselines-dqn/>

## **OpenCV (Open Source Computer Vision Library)**

<https://opencv.org/>

## **OpenCyc - Open Source General KnowledgeBase and Commonsense Reasoning Engine**

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

## **Open Data Science**

<https://opendatascience.com/>

## **Otter.ai - AI for Everyday Conversations**

<https://otter.ai/>

## **Pandorabots**

<https://home.pandorabots.com/en/>

## **Paper Digest - Artificial Intelligence Summarizes Academic Articles for You**

<https://www.paper-digest.com/>

## **Partnership on Artificial Intelligence**

<https://www.partnershiponai.org/>

## **Pascal Costanza's Highly Opinionated Guide to Lisp**

<http://p-cos.net/lisp/guide.html>

## **PCAI Artificial Intelligence Magazine**

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

## **Pefin - The World's First AI Financial Advice Platform**

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



**Perspective – Using Machine Learning to Reduce Toxicity Online**

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

**pienso – Text Data Deciphered**

<http://pienso.com/>

**PlaidML – Open Source Tensor Compiler**

<https://www.intel.com/content/www/us/en/artificial-intelligence/plaidml.html>

**Plickers**

<https://play.google.com/store/apps/details?id=com.plickers.client.android&hl=en>

**Positively Shaping Development of Artificial Intelligence**

<https://80000hours.org/problem-profiles/positively-shaping-artificial-intelligence/>

**Prediction Markets 2022**

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

**Preparing Adult Workers for the Artificial Intelligence Revolution**

<http://policyoptions.irpp.org/magazines/april-2017/preparing-adult-workers-for-the-artificial-intelligence-revolution/>

**Preparing for the Future of Artificial Intelligence**

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<https://pytorch.org/>

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<https://rasa.com/docs/>

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**Rigetti – Think Quantum**

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



**Robo Brain - Large Scale Computational System That Learns from Publicly Available Internet Resources**

<http://robobrain.me/>

**RunwayML – The Fastest Way to Edit Video**

<https://runwayml.com/>

**Second State – Serverless Everywhere**

<https://www.secondstate.io/>

**Semantic Scholar - Free Scientific Literature Search and Discovery**

<https://allenai.org/semantic-scholar/>

**SIGART AI - ACM Special Interest Group on Artificial Intelligence**

<http://www.sigart.org/>

**Sigma Knowledge Engineering Environment**

<http://sigmakee.sourceforge.net/>

**Signum – Automate Your Work with External Data Vendors**

<https://signum.ai/>

**Snips – AI Private Voice Assistants Using Decentralized Machine Learning, Token-Curated App Store and Decentralized Data Generation**

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

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**Squirrel AI Learning – AI Powered K12 Adaptive Instructional System and Services**

<https://squirrelai.com/>

**SRI's Artificial Intelligence Center**

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<http://www.ontologyportal.org/>

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

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<https://www.mckinsey.com/business-functions/mckinsey-analytics/our-insights/the-executives-ai-playbook>

### **The Future of Bots, Messaging and AI by Murray Newlands**

<http://www.business2community.com/business-innovation/future-bots-messaging-ai-01923203#QWvyuUudkFxJbZv1.97>

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

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### **Transactions of the Japanese Society for Artificial Intelligence (TJSAI)**

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### **Trennd - Discover Exploding Trends**

<https://explodingtopics.com/>

<https://trennd.co/>

### **Universe - Measurement and Training for Artificial Intelligence**

<https://universe.openai.com/>

### **University of Cambridge Research - The Future of Intelligence**

<http://www.cam.ac.uk/research/news/the-future-of-intelligence-cambridge-university-launches-new-centre-to-study-ai-and-the-future-of>

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<http://ai.arizona.edu/>

### **Using Artificial Intelligence To Create Invisible UI**

<http://www.7wdata.be/data-warehousing/using-artificial-intelligence-to-create-invisible-ui/>

### **Vicarious – Intelligent Automation**

<http://vicarious.com/>



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**WildFire AI Content Creation Service**

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<https://wit.ai/>

**World Class AI Experts Share What Their Favorite Algorithm Is**

<https://thenextweb.com/contributors/2018/08/04/ai-experts-favorite-algorithms-siraj-raval/>





## **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/>



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/>

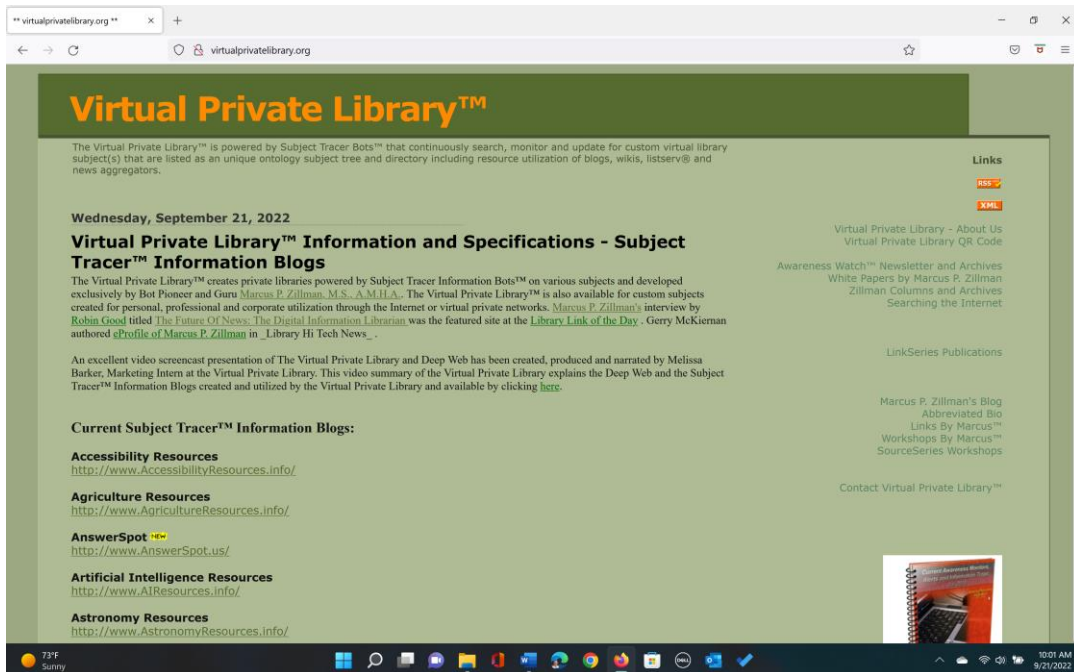


Figure 2: Virtual Private Library™

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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 (26,000+ 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/>

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<http://www.ListenToMarcus.com>



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

**2022 Directory of Directories**

<http://www.2022DirectoryOfDirectories.com/>

**2022 Guide to Finding Experts by Using the Internet**

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

**2022 Guide to Finding People Resources and Sites**

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

**2022 Guide to Internet Privacy Resources and Tools**

<http://www.2022InternetPrivacy.com/>

**2022 Guide to Searching the Internet**

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

**2022 New Economy Resources**

<http://www.2022NewEconomy.com/>

**Academic and Scholar Search Engines and Sources 2022**

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

**Bots, Blogs and News Aggregators 2022**

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

**Business Intelligence Online Resources 2022**

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

**Cloud Computing Resources Primer 2022**

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

**Current Awareness Tools 2022**

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

**Deep Web Research and Discovery Resources 2022 Online White Paper**

<http://DeepWeb.us/>



**eMarketing MiniGuide 2022**

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

**eReference Library Link Toolkit 2022**

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

**Fact Check Resources Miniguide 2022**

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

**Finding Experts By Using the Internet 2022**

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

**Finding People Resources and Sites 2022**

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

**Healthcare Bots and Subject Directories 2022**

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

**Knowledge Discovery Resources 2022**

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

**New Economy Resources 2022**

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

**New Normal StartUp Resources 2022**

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

**Online Research Browsers and Data Visualization Tools 2022**

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

**Online Research Tools 2022**

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

**Online Social Networking 2022**

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

**Open Educational Resources (OER) Sources 2022**

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





## **Open Source Intelligence (OSINT) Miniguide 2022**

<http://www.OSINTminiguide.com>

## **Searching the Internet 2022**

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

## **Social Informatics 2022**

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

## **Subject Tracers 2022**

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

## **Using the Internet As a Dynamic Resource Tool for Knowledge Discovery 2022**

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

## **Web Data Extractors 2022**

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

## **Web Guide for the New Economy 2022**

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

## **White Papers 2022 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.**

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

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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.

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<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/>

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### **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.

