Deep Web Research and Discovery Resources 2021

By

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Bots, Blogs and News Aggregators 2021 (http://www.BotsBlogs.com/) is a keynote presentation that I have been delivering over the last several years, and much of my information comes from the extensive research that I have completed over the years into the “invisible” or what I like to call the “deep” web. The Deep Web covers somewhere in the vicinity of trillions upon trillions of pages of information located through the world wide web in various files and formats that the current search engines on the Internet either cannot find or have difficulty accessing. The current search engines find hundreds of billions of pages at the present time of this writing. This report constantly updated at http://DeepWeb.us/.

In the last several years, some of the more comprehensive search engines have written algorithms to search the deeper portions of the world wide web by attempting to find files such as .pdf, .doc, .xls, ppt, .ps. and others. These files are predominately used by businesses to communicate their information within their organization or to disseminate information to the external world from their organization. Searching for this information using deeper search techniques and the latest algorithms allows researchers to obtain a vast amount of corporate information that was previously unavailable or inaccessible. Research has also shown that even deeper information can be obtained from these files by searching and accessing the “properties” information on these files!

This report and guide is designed to give you the resources you need to better understand your search through the currently available web to find those key sources of information nuggets only found by utilizing how to search the “deep web”.

This Deep Web Research and Discovery Resources 2021 report and guide is divided into the following sections:

Articles, Papers, Forums, Audios and Videos
Cross Database Articles
Cross Database Search Services
Cross Database Search Tools
Peer to Peer, File Sharing, Grid/Matrix Search Engines
Presentations
Resources - Deep Web Research
Resources - Semantic Web Research
Bot and Intelligent Agent Research Resources and Sites
Subject Tracer Information Blogs

ARTICLES, PAPERS, FORUMS, AUDIOS AND VIDEOS (Current and Historical)

4 Ways To Protect Your Data From the Dark Web by Drew Adamek

5 Dark Web Browsers You Can Use To Remain Anonymous Online
https://edgy.app/top-5-dark-web-browsers?order=desc

5 Freedom of Information Sites Full of Declassified Documents and Secrets by Mihir Patkar
https://www.makeuseof.com/tag/freedom-information-sites-declassified-documents/

5 Myths and Truths About the Dark Web by Patrick Devaney
https://en.softonic.com/articles/5-myths-truths-dark-web

5 Surprisingly Wholesome Things I’ve Found On the Dark Web by Emily Wilson
https://medium.com/thenextweb/5-surprisingly-wholesome-things-ive-found-on-the-dark-web-c6165509e83

6 Sites to Search for Images Shared on Twitter
https://www.makeuseof.com/tag/6-websites-search-images-shared-twitter/

7 Interesting Facts You Should Know About the Deep Web
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8 Best Deep Web People Search Engines
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10 Things You Should Know About Dark Web Websites by Josh Fruhlinger – November 23, 2018

99 Resources to Research & Mine the Invisible Web by Jessica Hupp

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A Look Into Tor Nodes’ Locations and ISPs with IP Intelligence

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An Insider’s Look Into the Dark Web by Aaron Tan

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Big Data and AI: 30 Amazing (And Free) Public Data Sources for 2018 by Bernard Marr

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https://ahrefs.com/robot

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https://claralabs.com/

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http://idavatars.com/

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https://ifr.org/

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https://import.io/

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http://www.infoextractor.org/

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http://www.ihmc.us/

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http://www.intellexer.com/

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http://lair.unc.edu/
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https://ludwig.guru/

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http://www.SocialBuzzBot.com/

SocSciBot - Social Sciences Link Analysis Research
http://socscibot.wlv.ac.uk/

Spidering Hacks
http://www.oreilly.com/catalog/spiderhks/

STACKS - Social Media Tracker, Analyzer, & Collector Toolkit at Syracuse
https://github.com/bitlabsyr/stack

Structure and Interpretation of Computer Programs - Video Lectures by Hal Abelson and Gerald Jay Sussman
http://groups.csail.mit.edu/mac/classes/6.001/abelson-sussman-lectures/

SupportBots - Chatbots for MSP and IT Service Providers
http://www.supportbots.io/
Supybot, A Superb Python IRC Bot  

Surf Canyon Search Engine  
http://www.surfcanyon.com/

Swirlds - The Platform for Distributed Applications  
http://www.swirlds.com/

Swoogle - Semantic Bot  
https://en.wikipedia.org/wiki/Swoogle

TextRunner Search - Searches Hundreds of Millions of Assertions Extracted from 500 Million High-Quality Web Pages  
http://openie.cs.washington.edu/

The Essential Landscape of Enterprise AI Companies  

The Intelligent Software Agents Lab  
http://www.cs.cmu.edu/~softagents/

The Lemur Toolkit - Language Modeling and Information Retrieval Research  
http://www.lemurproject.org/

The Search Engine Project (TSEP)  
http://freecode.com/projects/tsep

The Simon Lavern Page  
http://www.simonlaven.com/

Transcriptic - Discovery Biology On Demand  
https://www.transcriptic.com/

UC Irvine Machine Learning Repository  

UMBC AgentWeb  
http://agents.umbc.edu/
UMBC eBiquity
http://ebiquity.umbc.edu/

Universe - Measurement and Training for Artificial Intelligence
https://universe.openai.com/

Web Curator Tool (WCT)
http://webcurator.sourceforge.net/

Web Data Extractors 2021
http://www.WebDataExtractors.com/

Web Intelligence Consortium
http://wi-consortium.org/

Web IR & IE
https://groups.yahoo.com/neo/groups/webir/info
http://www.webir.org/

WolframAlpha Computational Knowledge Engine - Trillions of Pieces of Curated Data and Millions of Lines of Algorithms
http://www.wolframalpha.com/

Xenioo - Professional Chatbot Platform for Your Business
https://www.xenioo.com/

Zanran - Search the Web for Data and Statistics
http://www.zanran.com/

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.info/

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/

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
http://www.StudentResearch.info/

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

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

World Wide Web Reference
http://www.WWWReference.info/
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 (26,000+ Postings)
http://www.zillman.us/

Marcus P. Zillman Abbreviated Bio
http://www.zillman.info/

White Papers by Marcus P. Zillman
http://www.WhitePapers.us/
Academic and Scholar Search Engines and Sources 2021
http://www.ScholarSearchEngines.com/

Bots, Blogs and News Aggregators 2021
http://www.BotsBlogs.com/

Business Intelligence Online Resources 2021
http://www.BIOnlineResources.com/

Cloud Computing Resources Primer 2021
http://www.zillman.us/white-papers/grid-distributed-and-cloud-computing-resources-primer/

Current Awareness Discovery Tools on the Internet 2021

Deep Web Research and Discovery Resources 2021 Online White Paper
http://DeepWeb.us/

eMarketing MiniGuide 2021
http://www.eMarketingMiniGuide.com/

eReference Library Link Toolkit 2021
http://www.eReferenceLibrary.com/

Financial Sources for the Family Office 2021
http://FinancialSourcesFamilyOffice.com/

Finding Experts By Using the Internet 2021
http://www.FindingExperts.info/

Finding People Resources and Sites 2021
http://www.FindingPeople.info/

Healthcare Online Resources 2021
http://www.HealthcareResources.info/

Knowledge Discovery Resources 2021
http://www.KDResources.info/

New Economy Resources 2021
http://www.NewEconomyResources.com/
Online Research Browsers and Data Visualization Tools 2021
http://www.zillman.us/white-papers/online-research-browsers/

Online Research Tools
http://www.OnlineResearchTools.info/

Online Social Networking 2021
http://www.OnlineSocialNetworking.info/

Using the Internet As a Dynamic Resource Tool for Knowledge Discovery 2021

Web Data Extractors 2021
http://www.WebDataExtractors.com/

Web Guide for the New Economy 2021

White Papers 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 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.
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.