2023 Bot MiniGuide

By

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The 2023 Bot MiniGuide is a comprehensive link of bot resources that is currently available on the Internet. The below list of sources is partially taken from my Subject Tracer™ and white paper titled Bot and Intelligent Agent Research Resources 2023 and is constantly updated with Subject Tracer™ bots at the following URL:

http://www.BotResearch.info/
http://www.ChatterBots.info/

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

Figure 1: Bot Research 2023
2023 Bot MiniGuide:

Bot and Intelligent Agent Research Resources

1st Spot
http://1st-spot.net/topic_agents.html

14 Bot Directories for Discovering and Submitting Chatbots
https://superdevresources.com/chat-bot-directories/

155 Chatbots In This Brand New Landscape

20 Bots That Can Help You Build Your Startup by Khari Johnson
https://venturebeat.com/2017/08/03/20-bots-that-can-help-you-build-your-startup/

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/

2023 Directory of Directories

2023 Guide to Searching the Internet
http://www.SearchingTheInternet.info/

2023 MiniGuides Series by Marcus P. Zillman, M.S., A.M.H.A.
http://www.2023MiniGuides.com/

2023 New Economy Resources
http://www.2023NewEconomy.com/
80legs - Powerful and Economical Service Platform for Crawling and Processing Web Content
http://www.80legs.com/

Acuvate – Enterprise Bot Builder Platform
http://acuvate.com/

AgentCubes – Programming for Kids
http://www.agentsheets.com/

AgentLand
http://www.agentland.com/

Agent Model Yields Leadership

Agents and Bots – Kdnuggets
https://www.kdnuggets.com/websites/agents.html

AhrefsBot – Market Research Bot
https://ahrefs.com/robot

AI Chatbot

AITopics – Official Publication of the AAAI
http://aitopics.org/

Albert Pro – Create Bots Efficiently
http://www.albertai.com/

Algorithm Watch
https://algorithmwatch.org/

api.ai - Speech Interface for Apps and Devices - Dialogflow
http://api.ai/
Applied Soft Computing
http://www.sciencedirect.com/science/journal/15684946

artoo.js - The Client-Side Scraping Companion
http://medialab.github.io/artoo/

B.4.1 Search Robots - The Robots.txt File
http://www.w3.org/TR/REC-html40/appendix/notes.html#h-B.4.1

Bard – Google AI Chatbot
https://bard.google.com/

BotAnalytics - Analytics for Bots
http://botanalytics.co/

Bot Directory – Bots, Platforms and Services To Create Them
http://www.BotDirectory.net/

Bot Framework – Microsoft
https://dev.botframework.com/

BotHunter - Passive Network Monitoring Tool
http://www.BotHunter.net/

Bot News AI – VentureBeat
http://venturebeat.com/category/bots/

Botometer
https://botometer.iuni.iu.edu/

BotPress – The Leading Open-Source Conversational AI Platform for Enterprise Automation
https://botpress.io/

Bots, Blogs and News Aggregators 2024
http://www.BotsBlogs.com

Bot Shop
https://bots.kik.com/##/
Bots and Intelligent Agents

Bots: What You Need To Know by Jon Bruner
https://www.oreilly.com/ideas/bots-what-you-need-to-know

ChatBottle Search
https://chatbottle.co/

Chatfuel - Build a Facebook Bot Without Coding
https://chatfuel.com/

ChatterBots 2022/2023
http://www.ChatterBots.info/

Chatbots: The Definitive Guide
https://www.artificial-solutions.com/chatbots

Chatbots.org
https://www.chatbots.org/

ChatGPT
https://chat.openai.com/auth/login

ChatGPTZero - Plagiarism AI Checker
http://www.ChatGPTZero.me

CloudFilt - Prevent Bots, Block Bots, Anti-Bots, Bot Protection and Tor Protection
https://cloudfilt.com/

CloudMinds – Operating Smart Robots for People
http://www.cloudminds.com/

Comet – Supercharge Machine Learning
https://www.comet.ml/

Common Crawl - Web Crawl Data Accessed and Analyzed By Everyone
http://commoncrawl.org/
ContusBot - Build Chatbots Super-Charged With Artificial Intelligence
https://www.contus.com/

cQuery - Content Query Engine
http://cquery.com/

Create a Crawler - Extract Data From an Entire Website
http://support.import.io/knowledgebase/articles/247570-create-a-crawler

Current Awareness Tools 2024

DailyBot Customer Portal
https://dailybot.co/

DALL – E2

DAO Resources 2024 Including ChatGPT and Generative AI Resources
http://whitepapers.virtualprivatelibrary.net/DAO_Resources.pdf
http://www.DAOResources.com/

Data Mining Resources 2023
http://www.DataMiningMiniGuide.com/
http://www.2023DataMiningResources.info/

Dataminr - Real-time Information Discovery
http://www.dataminr.com/

DataparkSearch Engine - Full-Featured Open Source Web-Based Search Engine
http://www.dataparksearch.org/

DataStreamer – Get Real-World Data into Your Products with Just a Single API Call
https://www.datastreamer.io/

Deep Web Research 2024
http://www.deepwebresearch.info/
Design of a Parallel and Distributed Web Search Engine by Salvatore Orlando, Raffaele Perego, and Fabrizio Silvestri
http://arxiv.org/abs/cs.IR/0407053

Dialogflow - Build Natural and Rich Conversational Experiences
https://dialogflow.com/

Dictionary of Algorithms and Data Structures
http://xlinux.nist.gov/dads/

DiffBot – Get Data From Web Pages Automatically
http://www.DiffBot.com/

Diggernaut - Data Scraping - Turn Website Content Into Datasets
https://www.diggernaut.com/

Ejenta - Intelligent Agents for Connected Care
https://www.ejenta.com/

Eliza - The Original ChatterBot
http://www.ai.ijs.si/eliza/eliza.html

Engati - Bot Innovation
http://engati.com/

Ethereum Frontier Release - A Decentralized Software Platform
https://www.ethereum.org/

EU Open Data Portal

FAME (Facilitating Agents in Multiculture Exchange) Project

File Information Tool Set (FITS)
https://projects.iq.harvard.edu/fits

Formito - An Interactive Chatbot To Automate Your Business or Profession
https://formito.com/
Foundation for Intelligent Physical Agents
http://www.fipa.org/

Free Robots.txt Generator and Validator
http://www.toolsiseek.com/robots-txt-generator-validator

Generative AI
https://www.linkedin.com/company/chatgpt-generative-ai/

Generative AI Resources 2024
http://www.GenerativeAIResources.com/

GeneSys Middleware
http://sourceforge.net/projects/genesys-mw/

Google Guide
http://www.googleguide.com/

GPT-4
https://openai.com/product/gpt-4

Gupshup - Bot Building Platform
https://www.gupshup.io/

How to Make a Web Crawler With Selenium
https://www.makeuseof.com/tag/make-web-crawler-selenium/

Huginn - Your Agents Are Standing By
https://github.com/cantino/huginn

HYPHE - Web Corpus Curation Tool Featuring A Research-Driven Web Crawler
http://hyphe.medialab.sciences-po.fr/

IBM Watson Anywhere
https://www.ibm.com/watson/

IFR – International Federation of Robotics
https://ifr.org/
iMacros™ - Browser Based Macro Recorder and Intelligent Agent
http://wiki.imacros.net/Main_Page

Imagination Engines
http://www.imagination-engines.com/

Import.io - Instantly Turn Web Pages Into Data
https://import.io/

Indexing Robot Crawler Checklist

Institute for Human and Machine Cognition (IHMC)
http://www.ihmc.us/

Intellexer - Custom Built Search Engines, Knowledge Management Tools, Natural Language Processing
http://www.intellexer.com/

Intelligent Agent – WikiPedia

Intelligent Agents and Chatbots – A Guide

Intelligent Agents – JHU Computer Science

Intelligent Information Systems Research Laboratory
http://iis.ist.psu.edu/

International Journal of Agent-Oriented Software Engineering (IJAOSE)

Internet Bot – Wikipedia
https://en.wikipedia.org/wiki/Internet_bot

Knowledge Discovery 2023
http://www.knowledgediscovery.info/
LAIR - Laboratory of Applied Informatics Research
http://lair.unc.edu/

Library for Fast Text Representation and Classification – Facebook Research
https://github.com/facebookresearch/fastText

Linear Regression – Top 10 Machine Learning Algorithms
https://dimensionless.in/top-10-machine-learning-algorithms/

List of User-Agents (Spiders, Robots, Crawler, Browser)
http://www.user-agents.org/index.shtml

Mastodon Resources 2024
http://www.MastodonResources.com/

MindMeld - Advanced Artificial Intelligence To Power the New Generation of Intelligent Conversational Interfaces - Cisco
https://www.mindmeld.com/

Minerazzi – Search, Index, Mine … Recrawl
http://www.minerazzi.com/

Minimal-Intelligence Agents for Bargaining Behaviors in Market-Based Environments by Dave Cliff and Janet Bruten

MIT Media Lab: Software Agents
http://agents.media.mit.edu/index.html

Modelling and Mining of Network Information Systems
http://www.mathstat.dal.ca/~mominis/index.html

Motion AI - Artificial Intelligence Made Easy – Acquired by HubSpot
http://motion.ai/

Mozenda Web Agent Builder - Web Data Extraction
http://www.mozenda.com/
MySpiders

Networks and agents Network (NaN)
http://cnets.indiana.edu/groups/nan/

Neurrence - Intelligent Information Platform
http://www.neurrence.com/

Neuron - Disruptive Neural Network Framework Without Coding
https://neuron.ai/

OLPORTAL – Smart Protocol Connecting Decentralized Finance and Neural Networks
https://olportal.ai/

Omylx - Automation Simplified
http://omlyx.com/

OpenAI
https://www.OpenAI.com/

OpenCV (Open Source Computer Vision Library)
https://opencv.org/

Open Datasets
http://www.DataPortals.org/
https://github.com/caesar0301/awesome-public-datasets
https://www.kaggle.com/datasets
https://www.data.gov/
https://aws.amazon.com/public-datasets/
https://data.world/
http://data.worldbank.org/
http://www.OpenDataSets.info/

Open Knowledge Maps
https://openknowledgemaps.org/
Open MetaVerse Resources 2024
http://www.OpenMetaVerse.us/

Open Robotics
https://www.openrobotics.org/

Oscobo Search Engine for Privacy
https://www.oscobo.com/

Oxyus Search Engine
http://sourceforge.net/projects/oxyus/

Pandorabots – Web Service for Building and Deploying Chatbots
http://pandorabots.com/

ProBot - Automate and Improve Your Workflow
https://probot.github.io/

Rasa NLU - Language Understanding for ChatBots and AI Assistants
https://rasa.com/docs/nlu/

re3data.org - 2,000 Data Repositories
https://www.re3data.org/

Recipes for Building an Open-Domain Chatbot

ResearchKit Framework - Medical Research Apps
https://github.com/ResearchKit

ReVerb – Open Information Extraction Software
http://reverb.cs.washington.edu/

Robo Brain - Large-scale Computational System That Learns From Publicly Available Internet Resources
http://robobrain.me/

RoboEarth - A Worldwide Web for Robots
http://www.roboearth.org/
Robots.Txt - Robots Exclusion Standards
http://www.robotstxt.org/

Searchbots - Uniquely Searching the Internet
http://www.searchbots.com/

Search Engine Robots
http://www.jafsoft.com/searchengines/webbots.html

Search Engine Watch News
http://www.searchenginewatch.com/

Search Tools - Information Guides and News
http://www.searchtools.com/

SeerSuite - CiteSeerX Toolkit
http://sourceforge.net/projects/citeseerx/

ShoppingBots 2023
http://www.ShoppingBots.info/

Sigrid AI – Remote Managed Executive Assistant Service
https://www.sigrid.ai/

Siri
http://www.Siri.com/

Sisense Data Without Boundaries
https://www.sisense.com/product/impact/bot/

SiteMaps.org
http://www.SiteMaps.org/

SocialBuzzBot 2024 - The Business and Social Intelligence Search Engine for Information Discovery from Social Communities
http://www.SocialBuzzBot.com/

SocSciBot - Social Sciences Link Analysis Research
http://socscibot.wlv.ac.uk/
Spidering Hacks [book]
http://shop.oreilly.com/product/9780596005771.do

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

SummarizeBot
http://www.summarizebot.com/

Supybot, A Superb Python IRC Bot

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

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

The Essential Landscape of Enterprise AI Companies TopBots

The Future of Bots, Messaging and AI by Murray Newlands

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 Next Frontier – The Economist
The Search Engine Project (TSEP)
http://freecode.com/projects/tsep

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

The Web Robots Pages
http://www.robotstxt.org/orig.html

Top 5 Bot Maker Experts You Should Hear Keynote by Cynthia Johnson
https://www.entrepreneur.com/article/292296

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/

Webbot - the W3C libwww Robot
http://www.w3.org/Robot/

Web Data Extractors 2023
http://www.WebDataExtractors.com/

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

Web IR & IE
http://www.webir.org/

WIT.ai – Build Natural Language Experiences
https://wit.ai/
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/
Yva.ai – Predictive People Analytics
https://yva.ai/en/

Zakta - Personal and Social Deep Web Search Engine
http://www.zakta.com/

**ChatterBots Resources and Sites:**

3 Ways To Make People Lobe Your Chatbot by Amit Sharma, Narvar
http://venturebeat.com/2017/01/12/3-ways-to-make-people-love-your-chatbot/

5 Ways Chatbots Can Help Your Business by Kayla Sloan
https://www.business2community.com/tech-gadgets/5-ways-chatbots-can-help-your-business-02047474

10 Chatbot Conversation Builder Tips
https://www.entrepreneur.com/article/305457

10 Links to Learn About Chatbots in an Hour
https://botdirectory.net/chatbots/10-links-to-learn-about-chatbots-in-an-hour/

11 Amazing Facts You Might Not Know About Chatbots by Larry Kim

11 Chatbots Created at Y Combinator’s Online Startup School
https://venturebeat.com/2017/06/20/11-of-the-chatbots-created-at-y-combinators-online-startup-school/

11 Interesting Examples of How to Use Chatbots
14 Bot Directories for Discovering and Submitting Chatbots
https://superdevresources.com/chat-bot-directories/

155 Chatbots In This Brand New Landscape

AI Chatbot

AI Chatbots Are Shaking Up the Workforce in Some Unexpected Ways by Katharine Gammon
http://www.nbcnews.com/mach/innovation/chatbots-are-shaking-workforce-some-unexpected-ways-n738096

AI Chatbots Can Provide Business Value When Used Wisely
http://searchbusinessanalytics.techtarget.com/feature/AI-chatbots-can-provide-business-value-when-used-wisely

AgentLand
http://www.AgentLand.com/

Albert Pro – Ingest Its Knowledge From a Document
http://www.albertai.com/

Are You There, Chatbot? It’s Me, Human by Gordon Gottsegen

Artificial Intelligence Markup Language (AIML)
http://en.wikipedia.org/wiki/AIML

Artificial Intelligence Resources 2022/2023
http://www.2023AIMiniGuide.com/
http://www.AIResources.info/

Artificial Solutions – Teneo Powers Intelligent Conversations at a Global Scale
http://www.artificial-solutions.com/
Babylon Shows Chatbot’s AI Capabilities In Health Care

Bard – Google AI Chatbot
https://bard.google.com/

Beginners Guide to Chatbots

Best Tools for Creating Chatbots by Larry Ferlazzo
http://larryferlazzo.edublogs.org/2018/02/06/voicegram-is-a-two-way-audio-chatbot-thats-useful-for-ells/

Botanalytics - Analytics for Conversations
https://botanalytics.co/

BotDirectory – Chatbots
https://botdirectory.net/chatbots/

Botkit Studio – Building Bocks for Building Bots
https://www.botkit.ai/

BotPress – The Building Blocks for Building Chatbots
https://botpress.io/

Bot Research 2023
http://www.2023BotMiniGuide.com/
http://www.BotResearch.info/

Bots Explained
http://recode.net/2016/04/11/what-are-bots/

Bot Shop – Kik Bot Store
https://bots.kik.com/

Bottr – Chatbot Platform from Your Facebook, LinkedIn or Twitter Account
https://bottr.me/
Brands As Chatty Friends – Are Chatbots The Beginning of a New Internet?
http://digiday.com/brands/how-brands-use-chatbots/

BrainHat
http://www.brainhat.com/

Build Chatbots With Microsoft Bot Framework and Node.js by Akshay Kulkarni

Build Chatbots With Microsoft Bot Framework by Simon Bisson

Building Your Own Chatbot Is a Lot Easier Than You’d Expect by Nathan Ingraham
https://www.engadget.com/2017/03/12/build-your-own-chatbot-hands-on/

Can A Chatbot Replace Your Resume? By John Brandon
http://venturebeat.com/2017/01/29/can-a-chatbot-replace-your-resume/

Chatbot Design Trends 2018

Chatbot – Easy To Use Chatbot Platform for Business
https://www.Chatbot.com/

ChatGPT
https://chat.openai.com/auth/login

ChatGPTZero - Plagiarism AI Checker
http://www.ChatGPTZero.me

Chatbot: The Intelligent Banking Assistant

Chatbot – Wikipedia
https://en.wikipedia.org/wiki/Chatbot
ChatBots.org
http://www.ChatBots.org/

Chatbots Are the Future of Marketing by Adelyn Zhou
https://thinkgrowth.org/chatbots-are-the-future-of-marketing-67d21bd557db

Chatbots Are Getting Unsettlingly Good at Conversations by Katherine Wu
https://www.inverse.com/article/37615-best-chatbot

Chatbots Are the Next Big Platform – Here’s How Entrepreneurs Can Stay on Top of It
https://www.entrepreneur.com/article/298600

Chatbots Are the New Webpages, Say What?

Chatbot’s Life – Best Place to Learn About Bots – Chatbot Conference 2020
https://chatbotslife.com/

Chatbots Magazine
https://chatbotsmagazine.com/

Chatbots on Steroids: 10 Key Machine Learning Capabilities to Fuel Your ChatBot by Alon Mei-raz
http://www.kdnuggets.com/2017/01/chatbots-steroids-10-key-machine-learning-capabilities.html

Chatbots Software Resources
https://www.g2.com/categories/chatbots/resources

Chatbots: The Definitive Guide
https://www.artificial-solutions.com/chatbots

Chatbots: What Can They Do and Why Is Everyone Talking About Them?

Chatbots: Why Should We Be Nice To Them?
ChatBottle Search
[Link]

ChatBot TriBot [Site is in Polish]
[Link]

Chatfuel – The Easiest Way to Build a No-Code Chatbot for Your Business
[Link]

ChatterBot Collection
[Link]

ChatterBot – Machine Learning Conversational Dialog Engine
[Link]

ChatterBots – Category – Wikipedia
[Link]

ChatterBots Resources on the Internet 2022/2023
[Link]

Chirpy – The NPS Solution for Bots and AI
[Link]

Cleverbot
[Link]

Cognitive Bots
[Link]

ContusBot - Build Chatbots Super-Charged With Artificial Intelligence
[Link]

Conversational Design Essentials: Tips for Building a Chatbot by Slava Bushtruck and Anton Skorniakov
[Link]
Conversational Interaction Design: Constructing Context
https://medium.com/@ryan/conversational-interaction-design-constructing-context-b21e2341334f#.uejcglwej

DailyBot – Run Successful Remote and Hybrid Teams
https://dailybot.co/

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DAO Resources 2024 Including ChatGPT and Generative AI Resources
http://www.DAOResources.com/

Developing A Chatbot Using Microsoft’s Bot Framework, LUIS and Node.js (Part 1)
https://www.smashingmagazine.com/2017/05/chatbot-microsoft-bot-framework-luis-nodejs-part1/

Dialogflow - Build Natural and Rich Conversational Experiences
https://dialogflow.com/

ECTOR
http://ector.sourceforge.net/

eGain
http://www.eGain.com/

ELIZA - The Original ChatterBot
http://www-ai.ijs.si/eliza/eliza.html

Elzware - Information Virtually and Conversational Interfaces
http://www.elzware.com/

Emotional Design for Chatbots: How To Make Humans Love Your Bot by Joe Toscano
https://uxdesign.cc/emotional-design-for-chatbots-how-to-make-humans-like-your-bot-fc4dadb8a214#.v4td1bu20

Engati - Bot Innovation
http://engati.com/
Everything You Need To Know About Chatbot Marketing

Existor – Bot Builders
http://existor.com/

Facebook Announces Messenger Platform and 10 Year Roadmap at F8
https://www.linkedin.com/pulse/facebook-announces-messenger-platform-10-year-roadmap-jan-rezab

Facebook Bets On Bots for Its Messenger App
http://www.nytimes.com/2016/04/13/technology/facebook-bets-on-a-bot-resurgence-chattier-than-ever.html?_r=1

Facebook Launches Messenger Platform With Chatbots
http://techcrunch.com/2016/04/12/agents-on-messenger/

https://floatbot.ai/

Flow XO – Create A Chatbots with Zero Coding Skills Required
https://flowxo.com/

Formito – Provide Concierge Service to Your Customers with Beautiful Chatbots
https://formito.com/

Generative AI
https://www.linkedin.com/company/chatgpt-generative-ai/

Generative AI Resources 2024
http://www.GenerativeAIResources.com/

GPT-4
https://openai.com/product/gpt-4

Gravatar – One Avatar for Everything, Everywhere
http://www.gravatar.com/
Gupshup – Enable Engaging Conversations Seamlessly Across 30+ Channels Using A Single API
https://www.gupshup.io/

Head Squeeze – Loebner Prize for Artificial Intelligence 2013 with Dr. Hugh Loebner
https://www.youtube.com/watch?v=rRxOPy-LbHU

How ChatBots and Deep Learning Will Change the Future of Organizations

How Chatbots Are Good for Business
https://venturebeat.com/2017/06/19/how-chatbots-are-good-for-business/

How Chatbots Can Help Small Business
http://venturebeat.com/2016/08/20/how-chatbots-can-help-small-business/


How To Build a ChatBot in 10 Minutes by Natalie Afshar

How To Build a Chatbot – Docs and Resources to Build a Chatbot Platform Quickly and Easily – IBM Watson Assistant
https://www.ibm.com/products/watson-assistant/docs-resources

How To Create a Facebook Messenger Chatbot For Free Without Coding
https://www.entrepreneur.com/article/290297

How To Prevent a Plague of Dumb Chatbots

How Watson Assistant Helps Clients Stay Compliant in Regulated Industries
https://www.ibm.com/blogs/watson/
How We Built an AI Chatbot Using JavaScript and Chatscript
https://chatbotsmagazine.com/how-we-built-ai-chatbot-using-javascript-and-chatscript-ad63b1c48c9d?gi=191c80530aa

Inner Peace - Online Version Free Self Counseling Software
http://innerpeace.org/

Intercom – World’s First Customer Platform Helping Internet Businesses Accelerate Growth
https://www.intercom.com/

Is the Chatbot Trend One Big Misunderstanding?
https://www.technologyreview.com/s/601329/is-the-chatbot-trend-one-big-misunderstanding/

Jasper Chat
https://www.Jasper.ai/

Kitt.ai’s Chartflow Helps You Build Better Chatbots
https://techcrunch.com/2016/11/10/kitt-ais-chartflow-helps-you-build-better-chatbots/

Living Actor - Technologie Agent
http://www.livingactor.com/

Maruti TechLabs – Bot Development
https://www.marutitech.com/

Meet the Humans Behind College Chatbots

Meet the Man Behind the Rise of Bots and Our AI-Driven Future

Meta For Developers
https://developers.facebook.com/

Microsoft Agent Scripting Software (MASS)
http://www.abhisoft.net/mass/
Microsoft Azure Cognitive Services
https://azure.microsoft.com/en-in/services/cognitive-services/

Microsoft Bot Framework
https://dev.botframework.com/

MindMeld – Advanced Artificial Intelligence To Power the New Generation of Intelligent Conversational Interfaces
https://www.mindmeld.com/

Mitsuku Chatbot Wins Loebner Prize for Most Humanlike AI, Yet Again
https://venturebeat.com/2016/10/15/mitsuku-chatbot-wins-most-humanlike-a-i-loebner-prize-again/

Motion.ai – HubSpot Visually Build, Train, and Deploy Chatbots on Facebook Messenger, Slack, Smooch or Your Website
https://www.motion.ai/

Natural Language Processing
http://aitopics.org/

Natural Language Processing Research
http://research.microsoft.com/en-us/groups/nlp/

Octane.ai – Increase Sales on Shopify with Quizzes
https://octaneai.com/

Oddcast [V]Host™
http://www.oddcast.com/

OLPORTAL – Smart Protocol Connecting Decentralized Finance and Neural Networks
https://olportal.ai/

Omnichat by MobileMonkey Chat Marketing
https://mobilemonkey.com/

OpenAI
https://www.OpenAI.com/
OpenCyc – The Next Generation of Enterprise AI
http://www.cyc.com/

Open MetaVerse Resources 2024
http://www.OpenMetaVerse.us/

Open Source and API Driven Chatbots Allow Businesses To Build Cross-Platform Chatbots With Ease by Mai-Hanh Nguyen

Pandora Bots
http://www.pandorabots.com/botmaster/en/home

QnA Maker – Microsoft Created QnA Bot – From Data to Bot in Minutes
https://qnamaker.ai/

Recast.ai – SAP Collaborative Bot Platform
http://www.Recast.ai/

Recipes for Building an Open-Domain Chatbot

Replicant – Serve Your Customers Without Limitations
https://www.replicant.ai

Replika – The AI Companion Who Cares
https://replika.ai/

Robot-Hosting
http://www.robot-hosting.com/

Sigrid AI – Remote Managed Executive Assistant Service
https://www.sigrid.ai/

SmarterBots 2024
http://www.SmarterBots.com/
Some Explanations For the Chatter Bot
http://tecfa.unige.ch/guides/js/ex-intro/chatter-bot-text.html

SubjexCSR Platform
http://www.subjex.com/

Synthetix - Intelligent self-service Virtual Assistants
http://www.synthetix.com/

TARS - Create Engaging Conversational Bots
https://helltars.com/

Telegram Bot Platform 2.0
https://telegram.org/blog/bots-2-0

The 200 Billion Dollar Chatbot Disruption
https://venturebeat.com/2016/05/01/the-200-billion-dollar-chatbot-disruption/

The Best Tools for Creating Chatbots
http://larryferlazzo.edublogs.org/2018/02/06/voicegram-is-a-two-way-audio-chatbot-thats-useful-for-ells/

The ChatterBot Collection
http://www.chatterbotcollection.com/index.php

The Code of Ethics for AI and Chatbots That Every Brand Should Follow

The Complete Beginner’s Guide To Chatbots
https://medium.com/chat-bots/the-complete-beginner-s-guide-to-chatbots-8280b7b906ca#.ki3apzfpk

The Complete Guide to Chatbots for Marketing
https://sproutsocial.com/insights/topics/chatbots/

The Data Briefing: How To Build a Chatbot in a Weekend by Bill Brantley
The Rise of Chat Bots and Their Implications for Social Media

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

The Ultimate Guide to Chatbots

Top 10 Chatbot Marketing Influencers and Keynote Speakers You Should Follow by Joel Comm

Top AI Chatbots for Business in 2022: Benefits and Platform Integrations
https://www.businessinsider.com/best-ai-chatbots-online-robot-chat

Use Chatbots Across the Customer Journey
https://www.intercom.com/drlp/customizable-bots-biz

Used Carefully, Chatbots Can Be an Asset To Newsroom
https://www.cjr.org/innovations/chatbots.php

Watson – Enterprise Ready AI
https://www.ibm.com/watson/

What Bots Are

What Businesses Need To Understand About Chatbots
https://techcrunch.com/2016/07/03/what-businesses-need-to-understand-about-chatbots/

What’s A Chatbot? Most Americans Don’t Know by Larissa Faw
http://www.mediamapost.com/publications/article/290971/

Why the Real Potential for Chatbots Is In the Enterprise by Justin Gage
WIT.ai – Build Natural Language Experiences
https://wit.ai/

Xenioo – The Best Omnichannel Chatbot Platform
https://www.xenioo.com/

Zabaware – Ultra Hal 7.5
http://www.zabaware.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.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

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™

**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/

**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.:

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/

2023 Directory of Directories

2023 Guide to Searching the Internet
http://www.SearchingTheInternet.info/

2023 MiniGuides Series by Marcus P. Zillman, M.S., A.M.H.A.
http://www.2023MiniGuides.com/

2023 New Economy Resources
http://www.2023NewEconomy.com/

Academic and Scholar Search Engines and Sources 2024
http://www.ScholarSearchEngines.com/

Bots, Blogs and News Aggregators 2024
http://www.BotsBlogs.com/

Business Intelligence Online Resources 2022/2023
http://www.BIOneOnlineResources.com/

Cloud Computing Resources Primer 2024
http://www.zillman.us/white-papers/grid-distributed-and-cloud-computing-resources-primer/

Current Awareness Tools 2024
Deep Web Research and Discovery Resources 2024 Online White Paper
http://DeepWeb.us/

eMarketing MiniGuide 2024
http://www.eMarketingMiniGuide.com/

eReference Library Link Toolkit 2022/2023
http://www.eReferenceLibrary.com/

Fact Check Resources Miniguide 2024
http://www.FactCheckMiniguide.com/

Finding Experts By Using the Internet 2022/2023
http://www.FindingExperts.info/

Finding People Resources and Sites 2022/2023
http://www.FindingPeople.info/

Healthcare Bots and Subject Directories 2022/2023
http://www.HealthcareBots.info/

Knowledge Discovery Resources 2023
http://www.KDResources.info/

New Economy Resources 2023
http://www.NewEconomyResources.com/

New Normal StartUp Resources 2024
http://www.NewNormalStartUpResources.com/

Online Research Browsers and Data Visualization Tools 2023
http://www.zillman.us/white-papers/online-research-browsers/

Online Research Tools 2023
http://www.OnlineResearchTools.info/

Online Social Networking 2022/2023
http://www.OnlineSocialNetworking.info/
Open Educational Resources (OER) Sources 2024
http://www.OERSources.com/

Open Source Intelligence (OSINT) Miniguide 2024
http://www.OSINTminiguide.com

Searching the Internet 2023
http://www.SearchingTheInternet.info/

Social Informatics 2023
http://www.SocialInformatics.net/

Subject Tracers 2022/2023
http://www.SubjectTracers.com/

Using the Internet As a Dynamic Resource Tool for Knowledge Discovery 2023

Web Data Extractors 2023
http://www.WebDataExtractors.com/

Web Guide for the New Economy 2023

White Papers 2022/2023 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!
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.