<u>**Resource Hot List**</u>

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1. <u>Site Name:</u> Google Accessibility
   <u>Site Link:</u> http://www.google.com/accessibility/
   <u>Site Description:</u> This website is a resource tool for developers, publishers, and businesses to access tools to assist them in making their websites more accessible for all users. The webpage provides links to some of Google's products and the features that make their tools more accessible to those with impairments or disabilities. It also includes their external and internal research efforts that shows their support of web accessibility and initiatives they have put in place.

2. <u>Site Name:</u> AutoCAD software
   <u>Site Link:</u> http://www.acsu.buffalo.edu/~dbertuca/ada/web-access.html
   <u>Site Description:</u> This website is for AutoCAD software which is an exploratory, creative and cooperative system. It is a computer-aided drafting (CAD) software application that enables drafters, architects, engineers, and other professionals to create two-dimensional (2D) and three-dimensional (3D) models of mesh and solid surfaces. This website allows you to purchase the software and get an overview of the features. There are also case studies from different users who have created videos on how they have used the software and its benefits.

3. <u>Site Name:</u> Microsoft Security Developer Center
   <u>Site Link:</u> https://technet.microsoft.com/en-us/security/
   <u>Site Description:</u> The Microsoft Security Developer Center website is a security resource site for IT developers. It keeps developers up to date on the latest security updates, provides access to security blogs with other IT professionals, and provides access to other security tools and downloads. There is also a section in the site that notifies you of the latest tasks you should perform to keep up on the latest security threats.

4. <u>Site Name:</u> Usability – Improving the User Experience
   <u>Site Link:</u> https://www.usability.gov/
   <u>Site Description:</u> This is a government-run website for usability best practices. It covers everything from the basics of the user experience, project management, visual design and content strategy. It also covers usability methods, templates/documents and guidelines that are useful when creating usability strategy for your platforms and websites.

5. <u>Site Name:</u> Virtually Better
   <u>Site Link:</u> www.virtuallybetter.com/
   <u>Site Description:</u> This is a website for a VR evidence-based telemedicine application to assist those with phobias, substance abuse disorders, skills development, PTDS and stress and pain management. The application is for clinicians specialized in treating specific phobias. They can guide those with phobias such as fear of heights, storms, public speaking, flying and many more. The "virtual" environment provides numerous opportunities for exposing individuals to their feared situations.

6. <u>Site Name:</u> EveryScape
   <u>Site Link:</u> http://www.everyscape.com/

Site Description: This application transforms real environments into virtual reality. Within the application you can capture your real-life moments and environments that you can revisit anytime. You can then augment your virtual environment with interactive widgets and share with friends and family to engage in the experience.

7. Site Name: Microsoft Research
    Site Link: https://www.microsoft.com/en-us/research/
    Site Description: Microsoft's research site contains a wealth of technology links to areas of research, products, programs & events, blogs & podcasts, and labs. The research area alone connects you to topics such as Artificial Intelligence (AI), Human-Computer interaction, human language technologies, and computer vision. This is a great site to stay connect to technology research for the future.

8. Site Name: Carnegie Learning
    Site Link: https://www.carnegielearning.com/
    Site Description: Carnegie Learning has a bundle of "intelligent software" that teaches math to students of all ages. The responsive software is built on a math learning engine that leverages the best cognitive science, artificial intelligence, and research-proven instructional design. This site gives an overview of the Carnegie Learning courseware platforms from middle school to higher education.

9. Site Name: Voxer
    Site Link: https://voxer.com/
    Site Description: The application Voxer is a great communication tool for companies. Its main focus is to ultimately strive to improve customer service through communication. It has a robust walkie-talkie app, can have up to 500-person group chats, and performs voice-to-text transcription just to name a few services. It makes it convenient from a professional and personal standpoint to connect with people all over the world in a variety of ways. This site gives a great overview of the applications capabilities.

10. Site Name: Dragon NaturallySpeaking
    Site Link: http://www.nuancesoftwarestore.com/dragon-naturallyspeaking-premium/
    Site Description: This website reviews the various productivity software from Nuance. Specifically, Dragon NaturallySpeaking is a productivity software that is three times faster than typing. You can use your voice to dictate and edit in Microsoft Word, Excel, Power Point and most Windows-based applications. This software also recognizes various accents and can accurately dictate voice-to-text 99% of the time.

11. Site Name: Moodle
    Site Link: https://moodle.org/
    Site Description: Moodle is an online learning platform for learners, instructors, teachers, and administrators which allows them to create personalized learning environments. This website gives an overview of the Moodle product, along with how to set up your platform, a community forum, dashboard, and includes an entire page of developer documentation. Moodle is used mainly by higher education, however there are businesses including healthcare and government that use Moodle as their Learning Management System.

12. Site Name: Skillport
    Site Link: https://www.skillsoft.com/platform-solution/content-delivery-platform/
    Site Description: Skillport is a cloud-based content delivery platform (LCMS) owned by Skillsoft. It includes analytics, reporting, measurement, and also allows for social and collaborative learning between users. This website gives an overview of the Skillport LMS, which mainly supports the Skillsoft content as a learning content management system. It supports industries such as the U.S. Government, financial, healthcare and manufacturing segments.

13. Site Name: Internet2
    Site Link: https://www.internet2.edu/
    Site Description: Internet2 is a community which provides a collaborative environment where U.S. research and education organizations can solve common technology challenges and develop innovative solutions in support of their educational, research and community service missions. The community touches nearly every major innovation that defines our modern digital lives and continues to define "what's next." This website connects you to the community where you can sign up for their membership and access resources such as research support, case studies, and presentations. It also connects you to their products and services, vision and initiatives.

14. Site Name: Proper Standards-Compliant Color Use in Web Design
    Site Link: https://www.webpagefx.com/blog/web-design/proper-standards-compliant-color-use-in-web-design/
    Site Description: This is a great website for learning about the proper color use in web design. It gives an overview of color standards that will assist you with designing a website that will meet all user's needs, specifically for those who are color blind. It covers color blindness standards for website development, that will help you design your site to apply the proper color, color contrast and alignment.

15. Site Name: World Wide Web Consortium (W3C)
    Site Link: http://www.w3.org/
    Site Description: The W3C consortium is a group whose mission is to lead the World Wide Web to its full potential by developing protocols and guidelines that ensure the long-term growth of the Web. The consortium believes that the web should be used for human communication, commerce, and opportunities to share knowledge. One of their primary goals is to make these benefits available to all people, whatever their hardware, software, network infrastructure, native language, culture, geographical location, or physical or mental ability. This website gives you an overview of who the W3C is and their beliefs along with links that support their mission. These include (but are not limited to) sites that cover standards for web design, devices, architecture, services, browsers and authoring tools. Their main mission is that there is ONE standardized web that is inclusive for everyone and guiding what those standards look like.

16. Site Name: Web Accessibility Website
    Site Link: https://www.webaccessibility.com/#Home
    Site Description: This website allows you to enter a website .url to check whether or not your website is accessible and meets certain criteria to support those with disabilities. The free testing tools on this website will give you an idea of whether your website is compliant with laws like Section 508, the Americans with Disabilities Act (ADA), and the 21st Century Communications and Video Accessibility Act. If you have violations, you can download an application called "Alchemy"

that will identify exactly where your violation is and recommend the fix to make your website disability compliant and reduce your legal risk.

17. Site Name: Web Search Design
    Site Link: https://www.justinmind.com/blog/best-practices-for-designing-your-search-pattern/
    Site Description: This website reviews best practices for designing web search patterns. The site points you in the direction of resources that will help you design them such as Just in Mind. It starts with selecting a web search pattern, and then recommends how to help you implement search effectively in your web prototypes.

18. Site Name: Website Usability Tips
    Site Link: https://mashable.com/2011/09/12/website-usability-tips/#A.MFF4SAd5ql
    Site Description: This website discusses the seven Best Practices for Improving Your Website's Usability. It reviews seven tips and techniques for enhancing the usability and readability of your website's content. These tips are based on research findings and suggestions by well-regarded usability experts such as Jakob Nielsen.

19. Site Name: Living Internet
    Site Link: https://www.livinginternet.com/
    Site Description: This site provides a free, comprehensive reference about the Internet and its main technologies. The site originated in 2000 and was last updated in the fall of 2017. The site gives a comprehensive detailed overview of the following: The Internet, World Wide Web, Electronic Mail, Usenet Newsgroups, Internet Relay Chat (IRC), Multi-User Dungeons (MUD's), and Mailing Lists. This is a great tool just to learn about the Internet, web, email and how it started, how it works, how it's used and features.

20. Site Name: Cytoscape
    Site Link: http://cytoscape.org/
    Site Description: Cytoscape is an open source software platform for visualizing complex networks and integrating these with any type of attribute data. It is a general platform for complex network analysis and visualization. This website allows you to download the software from the site, and gives an overview of what it is, who is using it, project statistics and screenshots of the platform.

21. Site Name: Level Access
    Site Link: https://www.levelaccess.com/
    Site Description: Level Access is a firm that assists companies and individuals with website disability compliance. It's products and services ensure their customers websites are up to date with the latest website accessibility laws and standards. This website gives an overview of their services and products, and the importance of website compliance for people with disabilities. Level Access's goal is to create a world where digital systems can be made readily accessible to users with disabilities.

22. Site Name: Just in Mind
    Site Link: https://www.justinmind.com/
    Site Description: Just in Mind is an all-in-one prototyping tool for web and mobile apps. It's a great tool to use to prototype any web or mobile app you can think of. From the website you can download the software, take a tour, or access support. This is a great tool to assist those that that have no expertise in creating websites.