

Reid State Technical College Library

<https://www.rstc.edu/libraryresources>

(251) 578-1313 ext. 110



RESOURCES FOR COMPUTER INFORMATION SCIENCE STUDENTS

Welcome Computer Information Science students! This guide will help you locate relevant materials for your research on topics in Computer Information Science courses. Books for Computer Information Science can be found within the following Library of Congress subject headings:

| Library of Congress Classification for Computer Science Books | |
|--|--|
| QA76 - Computer Science | QA76.76.W56 – Windows |
| QA76.15 – Dictionaries & Encyclopedias | QA76.9.D3 – Database Management |
| QA76.73 – Programming Languages | TK5101 – Internet |
| QA76.76.063 – Operating Systems | TK5105.5 – Computer Networks |

COMPUTER INFORMATION SCIENCE JOURNAL DATABASES ONLINE & E-BOOKS

To access, log on to <https://www.rstc.edu/libraryresources/>. Under additional resources, click on the Alabama Virtual Library button and search for the following databases:

[Academic Search Premier](#)

Curates and indexes open access journals. Academic Search Premier content includes: 2,258 full-text, non-open journals; 1,955 active full-text, peer-reviewed, non-open access journals; 512 active full-text, peer-reviewed, non-open access to journals with no embargo; 1,785 active full-text, non-open access journals indexed in Web of Science or Scopus; 75,000 videos from the Associated Press that is updated monthly; Covers topics such as Biology, Chemistry, Engineering, Psychology, and more.

[Business Source Premier](#)

Includes curation and indexing of open access journals, with a growing collection of 1,107 active open access journals. Content includes: 862 active full-text, non-open access journals; 485 active full-text, peer-reviewed, non-open access journals; 240 active full-text, peer-reviewed, non-open access journals with no embargo; 339 active full-text, non-open access journals indexed in Web Science or Scopus. This database provides full text articles and images from nearly 2,300 periodicals and other sources covering business, marketing, management, MIS, POM, economics, finance, banking, accounting, and much more.

[Business Essentials: Insights](#)

This database provides full text articles and images from nearly 2,300 periodicals and other sources covering business, marketing, management, MIS, POM, economics, finance, banking, accounting, and much more.

[Gale General OneFile](#)

Provides access to magazine, news, and journal articles on general interest topics and current events. Content includes: Publication Search and Browsing by topic including Careers, Education, Health, and more.

[Gale OneFile Business](#)

Provides access to business and trade publications covering all business disciplines. Gale OneFile: Business content includes: Full-text coverage for all business disciplines; Over 4,000 business and trade publications; Topics include Accounting, Marketing, Finance, Management, and more.

[Google Scholar \(https://scholar.google.com/\)](https://scholar.google.com/)

Google Scholar provides a simple way to broadly search for scholarly literature. From one place, you can search across many disciplines and sources: articles, theses, books, abstracts and court opinions, from academic publishers, professional societies, online repositories, universities and other web sites.

[Professional Development Collection \(https://web.p.ebscohost.com/ehost/search/basic?vid=0&sid=8eaca647-ea94-40af-9d8b-28e1fad9fb29%40redis\)](https://web.p.ebscohost.com/ehost/search/basic?vid=0&sid=8eaca647-ea94-40af-9d8b-28e1fad9fb29%40redis)

Professional Development Collection is a specialized database of full-text electronic information for educators, professional librarians, and education researchers. Professional Development Collection content includes: 450 full-text journals; 280 peer-reviewed, full-text journals; 750 abstracted and indexed journals; 220 full-text educational reports.

[Regional Business News \(https://web.p.ebscohost.com/ehost/search/basic?vid=0&sid=7c507058-7787-4eae-a738-6a35a3219444%40redis/\)](https://web.p.ebscohost.com/ehost/search/basic?vid=0&sid=7c507058-7787-4eae-a738-6a35a3219444%40redis/)

Provides access to full-text regional business publications for the United States and Canadian Provinces. Regional Business News content includes: Almost 40 active full-text, non-open access U.S. and Canadian business publications and Full-text coverage dating back to 1990.

PERIODICALS

Available in print as listed below. More titles are available online through AVL.

Current Subscriptions

Bloomberg Business Week
BA: Business Alabama

Bound Back Issues

| | |
|--|-----------|
| <i>Campus Technology</i> | 2005-2007 |
| <i>CPU: Computer Power User</i> | 2006-2007 |
| <i>Dr. Dobb's Journal</i> | 2005-2006 |

COMPUTER INFORMATION SCIENCE RESOURCES ONLINE

To access, log on to <https://www.rstc.edu/libraryresources/>. Under resources, click on the following buttons to access the database icons:

[Alexander Street](https://video.alexanderstreet.com/channel/academic-video-online/) (<https://video.alexanderstreet.com/channel/academic-video-online/>)

Provides a vast database of film and video clips from documentaries, newsreel, entertainment, and television sources. The streaming video, audio, and text **library** databases promotes research, teaching, and learning across disciplines, including counseling, anthropology, history, diversity studies, theatre, film, music, dance, news, current affairs, and the social sciences. The range of material is broad and deep. The thematic range and temporal span make the collection relevant to many disciplines, courses, and student levels.

[Book Collection: Nonfiction](https://web.p.ebscohost.com/ehost/search/basic?vid=0&sid=79a4e707-5758-4688-b36c-dfe3e61982eb%40redis) (<https://web.p.ebscohost.com/ehost/search/basic?vid=0&sid=79a4e707-5758-4688-b36c-dfe3e61982eb%40redis>)

Cross-curricular database providing abstracts and searchable full text for thousands of popular nonfiction books. Designed for public libraries, it covers core subject areas as well as information on careers, health, sports, adventure, technology, life skills and more.

[Ethnic Newswatch](https://www.proquest.com/ethnicnewswatch?accountid=40442/) (<https://www.proquest.com/ethnicnewswatch?accountid=40442/>)

Provides access to full-text journals, magazines, and newspapers of the ethnic and minority press. Ethnic NewsWatch content includes: Over 2.5 million full-text articles; Information and opinions on topics not covered in mainstream; publications; Selected dissertations and working papers; Ethnic NewsWatch: A History, which provides historical coverage of Native American, African American, and Hispanic American periodicals from 1959 to 1989.

[Newspaper Source](https://web.p.ebscohost.com/ehost/search/basic?vid=0&sid=bf775cbf-38f5-4135-a060-0188aea12364%40redis) (<https://web.p.ebscohost.com/ehost/search/basic?vid=0&sid=bf775cbf-38f5-4135-a060-0188aea12364%40redis>)

Provides cover-to-cover full-text for hundreds of national, international and regional newspapers, as well as television and radio transcripts from major networks. Content includes: Over 520 full-text newspapers and over 33 million full-text articles.

[Oxford Academic](https://academic.oup.com/oxford-scholarship-online?user=avlaasc&pass=alabama20&dest=%2f&login=true) (Oxford University Press) (<https://academic.oup.com/oxford-scholarship-online?user=avlaasc&pass=alabama20&dest=%2f&login=true>)

Provides perpetual access to books spanning the scholarly list of Oxford University Press. To find the online books that are included in the AVL subscription with Oxford Academic, users will need to enter a subject in the search box and when the results come up, users will need to click on **Unlocked Free**, and **Open Access** in the "Narrow Your Choices" box on the left.

[Oxford Reference](https://www.oxfordreference.com/) (Oxford University Press) (<https://www.oxfordreference.com/>)

Provides access to Oxford University Press's *Encyclopedias* and *Companions*, and a selection of partner publishers' scholarly works. Oxford Reference content includes: 466 books; 2,279,165 entries; New titles and editions are added throughout the year; Subjects include Art and Architecture, History, Law, Philosophy, Religion, Science and Technology, and more.

[Points of View Reference Source](https://web.p.ebscohost.com/pov/search/basic?vid=0&sid=a0352b56-5c71-47a2-9f3e-12c250480135%40redis) (<https://web.p.ebscohost.com/pov/search/basic?vid=0&sid=a0352b56-5c71-47a2-9f3e-12c250480135%40redis>)

Contains resources that present multiple sides of an issue. Points of View Reference Source content includes: 520 topics each with an overview, point, and counterpoint and Guide to Critical Analysis; Topics include Big Tech and Antitrust Law, Gender Equity in Professional Sports, Indian Child Welfare Act, Repatriation of Cultural Artifacts, and more.

[Research Library](https://www.proquest.com/pqrl?accountid=40442) (<https://www.proquest.com/pqrl?accountid=40442>)

Multidisciplinary and multi-content database that contains: Scholarly Journals, Books, Videos & Audio, Dissertations & Theses, Newspapers, Historical Newspapers, Magazines, Trade Journals, Reports, Wire feeds, Blogs, Podcasts & Websites.

ONLINE AIDS

Code Academy (<https://www.codecademy.com/>)

IEEE Explore Digital Library (<https://www.youtube.com/@IEEEExploreDigitalLibrary>)

Computer Science.org (<https://www.computerscience.org/>)

Stanford Engineering Everywhere (<https://see.stanford.edu/>)

MIT Open Courseware (https://ocw.mit.edu/search/?s=department_course_numbers.sort_coursenum#electrical-engineering-and-computer-science)

Git Hub (<https://github.com/>)

Charles Babbage Institute (<https://cse.umn.edu/cbi/>)

Free Tech Books (<http://www.freetechbooks.com/>)

COMPUTER SCIENCE ASSOCIATIONS

Professional societies and organizations often provide valuable information on their websites: Publication, News, Workshops, and Competition Announcements.

- [**Association for Computing Machinery \(ACM\)**](#)

ACM brings together computing educators, researchers, and professionals to inspire dialogue, share resources, and address the field's challenges.

- [**Association for the Advancement of Artificial Intelligence \(AAAI\)**](#)

Founded in 1979, the Association for the Advancement of Artificial Intelligence (AAAI) (formerly the American Association for Artificial Intelligence) is a nonprofit scientific society devoted to advancing the scientific understanding of the mechanisms underlying thought and intelligent behavior and their embodiment in machines.

- [**Association for Women in Computing \(ACW\)**](#)

The Association for Women in Computing (AWC) was founded in Washington, D.C. in 1978 and is one of the first professional organizations for women in computing. AWC is dedicated to promoting the advancement of women in the computing professions.

- [**American Association of Blacks in Energy**](#)

The American Association of Blacks in Energy (AABE) is dedicated to ensuring African Americans and other minorities have input and a voice in the discussion and development of energy policies, regulations, R&D technologies, and environmental issues. AABE awards \$350,000 annually in scholarships to students in energy-related tech fields and offers a career center for job seekers and employers. There's also the AABE Institute, which provides training, technical assistance, market information, supplier and partnership opportunities, and business solutions. The AABE Institute has a goal of leading resources for energy issues in Africa, the Caribbean, and the Diaspora, with a focus on sustainable development.

- [**Black & Brown Founders**](#)

Black & Brown Founders is a professional organization for Black and Latinx entrepreneurs to network and learn about startup bootstrapping through online resources and events. The goal is to “give entrepreneurs knowledge, tools, and cutting-edge tactics to launch startups without relying on venture capital,” according to the organization. Black & Brown Founders was developed after its founder Anyia Williams saw firsthand the barriers people of color face when trying to get venture funding. She wanted to provide a way for founders of color with limited resources to get the training and resources to support their business idea, helping them grow their businesses without outside

funding. The organization also offers a Bootstrapping Bootcamp — a 10-week course on how to get your business idea off the ground, with access to workbooks, tools, coaching, and lessons offered virtually.

- [Black Code Collective](#)

The Black Code Collective (BCC) was started in 2016 to create a safe space and community for Black software engineers. Many Black technologists find themselves to be one of the only Black employees on their team or in the room. And workspaces are often “started and run by white people,” which brings an “unspoken burden for Black people,” according to BCC. This inherent bias, which runs through the industry, is what makes groups like BCC so important. It gives Black technologists a space to connect with peers who understand their situation, and who can help ease some of the stress that can come from navigating predominantly white workspaces. BCC advocates for taking the necessary steps to retool the IT and tech talent pipelines, and how to take the right steps to ensure Black tech workers have the same opportunity, sponsorship, and equity as their non-BIPOC peers.

- [Black Data Processing Associates](#)

The Black Data Processing Associates (BDPA) is an international organization founded in 1975 as a network for underrepresented minorities working in the IT and computer science fields. The BDPA organizes technology conferences, local chapter events, continuing education and professional development events, academic scholarships, and mentoring and career opportunities.

- [Black Founders](#)

Black Founders was started in 2011 as an organization dedicated to empowering entrepreneurs and to provide founders with access to advice, mentorship, and funding. The goal is to “stimulate tech entrepreneurship” and create more growth in the community. Black entrepreneurs are underrepresented in the tech industry and only make up 1% of VC-backed tech startup founders. Black Founders wants to increase that representation and bring more opportunity to Black entrepreneurs. They offer different events and conferences for members to connect and network in addition to hosting weekend-long “HBCUHacks” hackathon events at historically Black colleges and universities.

- [Black Tech Nation \(BTN\)](#)

Dedicated to helping Black technologists gain access to valuable resources, networks, and opportunities in the tech industry. It was started in 2017 after its founder, Kelauni Jasmyn, noticed that, after graduating a coding bootcamp, she didn’t see many other software developers who “looked like her in the local tech scene.” She later received a grant to create BTN, to help create a community for other Black technologists who also felt isolated in their careers. The organization offers companies a pipeline to Black tech talent, supports the next generation of Black tech entrepreneurs, highlights impactful Black “techies,” and helps create community hubs in cities for Black technologists to connect, network, and find support.

- [Black Tech Pipeline](#)

Started with a viral tweet. The organization’s founder, Pariss Chandler, sent out a tweet asking followers “[What does Black Twitter in Tech look like?](#)” and the response was overwhelming, according to an [article from TechCrunch](#). Not long after, Chandler was contacted by companies looking to recruit Black tech workers, and although she had never worked in recruiting before, Chandler quickly developed a talent database and connected candidates with potential employers. Launching the Black Tech Pipeline in 2020, Chandler partners with companies and offers various services to help connect them with Black technologists looking for new jobs. But she soon recognized the tech industry also has a retention problem, especially with Black tech workers, so she expanded her services to include a consulting package, conducting biweekly check-ins during the first 90 days to see how new Black Tech Pipeline hires are doing at their new jobs. The goal of Black Tech Pipeline is to prove that there isn’t a pipeline problem — that there are plenty of skilled and experienced Black technologists available who are eager to work for equitable and diverse organizations.

- [Blacks in Technology](#)

Black workers in the tech industry typically find they are the only Black person in the room, and that underrepresentation bleeds into career growth, pay equity, and mentorship opportunities. Nonprofit organization [Blacks in Technology \(BIT\)](#) aims to “stomp the divide” Black workers face in the IT industry to help “level the playing field through training, education, networking and mentorship with the support of allies, partners and sponsors,” according to the organization. BIT has chapters across the US and internationally where members can attend events, trainings, and tech summits designed to uplift and connect the Black tech community. Members also

get access to career support, networking, and tech resources. Membership is open to any Black woman or man who works in tech, making it the largest community of BIPOC tech workers in the world. For a spotlight on Blacks in Technology, see [“How Blacks in Technology is ‘stomping the divide.’”](#)

- [Blacks United in Leading Technology \(BUiLT\)](#)

A nonprofit professional organization that offers community-focused activities, events, and programs that focus on Black technology workers and highlight the importance of diversity, equity, and equality in the tech industry. BUiLT believes in “equity for Blacks in tech, in where they work, with those who buy our products, and investors who support our ventures.” You can find BUiLT chapters across the United States, with locations in Atlanta, Boston, Chicago, Houston, Miami, North Texas, San Diego, and more. Members enjoy free and discounted technical training, including discounted rates for [Lean Six Sigma certifications](#), along with free training for the cybersecurity PenTest+ certification. Members also get access to a large network of other entrepreneurs, founders, senior business leaders, and other professionals dedicated to increasing representation of Black people in technology. Membership also includes professional development courses, mentorship opportunities, events, speaking opportunities, engagement with corporate sponsors, private events, and optional website listings for business owners.

- [Black Professionals in Tech Network \(BPTN\)](#)

Started as a way for Black tech professionals to connect with one another to build community. Its network currently consists of more than 50,000 Black professionals who network, connect, share resources, and grow their careers together. Members get access to mentorship, events, summits, skill-building opportunities, and a strong peer-network to support career growth. One of the goals of BPTN is not only to connect Black tech professionals, but to help corporations strengthen diversity in the talent pipeline. BPTN helps corporate partners understand how to attract, hire, retain, and promote Black tech talent by changing not only the way they hire, but their internal culture.

- [Black Women Talk Tech](#)

An organization dedicated to supporting Black women founders and technologists, with more than 2,500 members in its community. The organization is creating a “roadmap to billions” for Black women entrepreneurs in tech who want their ideas heard, seen, and invested in. The organization also holds annual conferences that it touts as the “largest convening of Black women tech entrepreneurs and technologists,” with conferences held all around the globe. Black Women Talk Tech partners with corporate sponsors such as Amazon, Microsoft, Google, Netflix, and Facebook, just to name a few.

- [CODE2040](#)

A nonprofit organization dedicated to “activating, connecting, and mobilizing the largest racial equity community in tech to dismantle the structural barriers that prevent the full participation and leadership of Black and Latinx technologists in the innovation economy,” according to the organization, which achieves this through events, training, early-career programs, and knowledge sharing to ensure Black and Latinx technologists have the tools and network to enable racial equity throughout the tech industry.

- [CompTIA \(formerly AITP\)](#)

Seeks to advance the IT Profession through professional development, support of IT education, and national policies on IT that improve society as a whole.

- [Computing Research Association](#)

The Computing Research Association (CRA) is an association of more than 200 North American academic departments of computer science, computer engineering, and related fields; laboratories and centers in industry, government, and academia engaging in basic computing research; and affiliated professional societies.

- [DevColor](#)

Bills itself as a “global career accelerator for Black software engineers, technologists, and executives and serves as the go-to accountability partner for the companies who invest in, employ and are led by them.” DevColor is dedicated to creating a community for Black leaders in IT, a group that has been largely excluded from the tech industry by offering career development and networking resources. They offer several unique programs, including the A* program that matches participants with a small cohort of six to eight Black software engineers and managers for a year to offer each

other accountability, career mapping, and community. For a spotlight on DevColor, see “[DevColor’s cohort approach to uplifting Black IT careers.](#)”

- [DigitalUndivided \(DID\)](#)

An organization focused on fostering more inclusivity in entrepreneurship by empowering Black and Latinx women entrepreneurs. It started as a conference for Black women founders in tech, which led to it growing into a Focus Fellow (FF) program and eventually it turned into an eight-week virtual accelerator program. And the organization didn’t stop there — DID later took on research projects that uncovered how Black and Latinx female founders receive less than 0.2% of all venture funding. After the report was released, the number of startups led by Black women tripled and funding increased 500%. DID has since continued to expand its offering of programs, initiatives, and research to uplift Black and Latinx female founders in tech.

- [IEEE Computer Society](#)

Computer branch of the Institute of Electrical and Electronics Engineers.

- [International Telecommunications Union](#)

ITU is the United Nations specialized agency for information and communication technologies – ICTs.

- [Information Technology Senior Management Forum \(ITSMF\)](#)

Offers career-advancing programs for Black IT professionals. The ITSMF was formed in 1996 by a group of technology executives who wanted to improve diversity in the technology industry all the way to the executive level. The mission of the ITSMF is to “increase the representation of black professionals at senior levels in technology, to impact organizational innovation and growth.” The ITSMF offers programs for executives, managers, and an “emerge” program specifically designed for increasing the representation of women of color at senior levels in the technology industry. For a spotlight on ITSMF, see “[ITSMF: Growing Black IT careers through leadership programs.](#)”

- [National Action Council for Minorities in Engineering \(NACME\)](#)

A professional organization for underrepresented minorities working in engineering and STEM roles. NACME provides college scholarships for underrepresented minorities who are interested in pursuing a degree in STEM. The goal is to increase representation of BIPOC in tech by providing scholarships, resources, and opportunities for “high-achieving, underrepresented minority college students pursuing careers in engineering and computer science.” NACME’s focus is on helping students become qualified candidates for in-demand tech jobs.

- [National Society of Black Engineers \(NSBE\)](#)

A student-governed organization with 500 chapters and nearly 16,000 active members in the US and abroad. The nonprofit organization comprises collegiate and pre-collegiate students and technical professionals in engineering and technology. The mission of the NSBE is “to increase the number of culturally responsible Black engineers who excel academically, succeed professionally and positively impact the community,” according to the organization.

- [Opportunity Hub \(OHUB\)](#)

Founded as a “technology, startup, and venture ecosystem building platform” to ensure that everyone has “equitable access to the future of work” and to create pathways to “multigenerational wealth creation with no reliance on pre-existing multigenerational wealth,” according to OHUB. The organization provides skills development, early tech exposure, job placement, entrepreneurship support program, new job creation, and alternative capital formation for college students, young professionals, founders, and investors nationwide.

- [Technologists of Color](#)

Established in 2012, as a “passionate collection of professionals from the information technology arena,” according to the organization. Technologists of Color’s goal is to build a community of Black tech workers in Atlanta, GA, while also offering various services and programs to its members. The organization offers meetups, happy hours, and conferences for members, as well as coding programs and resources to equip members with laptops and other necessary equipment. The organization has held several types of events, including coding workshops, meetup events for members to build their networks, app showcase events, and coding events for youths in the community.

- [We Build Black](#)

Founded in 2017 by Devin Jackson, who was feeling isolated as the only Black software engineer in his company. Unable to find an established community for connecting with other Black developers, Jackson decided to take matters into his own hands by starting the Black Software Engineers of NYC Meetup. The event was hosted every Saturday afternoon in Williamsburg, Brooklyn, eventually growing to 1,000 members within just six months. From there, Jackson and his fellow Black software engineers knew they had something special and wanted to grow the group into a full-blown organization. We Build Black also hosts the Mavens I/O: Black Women in Tech conference each year, along with bringing coding programs to schools, piloting a recidivism program, and working to connect members to new job opportunities.

Useful Websites

- [Issac Computer Science](#)

- [ArXiv](#)

Pre-print repository of articles in Physics, Mathematics, and Computer Science maintained by Cornell University.

- [Software Engineering Institute](#)

SEI is a federally-funded research and development center headquartered on the campus of Carnegie Mellon University.

- [HCI Bibliography](#)

A site offering a bibliography of human-computer interaction resources.

- [How to Get a Computer Science Job](#)

Commercial website with advice on getting your first professional job in computer science.

- [The Ada Project \(TAP\)](#)

Named in honor of Ada Lovelace, TAP is a clearinghouse for information and resources related to women in computing. It includes publications, conferences, employment resources, fellowships and grants, news, organizations, plus projects and programs.

- [AI on the Web](#)

An artificial intelligence resource listing containing links to information on intelligent agents; search and game playing; logic and knowledge representation; planning, reasoning and uncertainty; machine learning; natural language processing; perception and robotics; philosophy and the future; and AI programming.

- [AI Topics](#)

AI Topics is a starting point for finding information on artificial intelligence. This AAAI site links to basic information along with news, education resources, reference materials (dictionaries, encyclopedias, handbooks, and journals), courses, forums, and career information.

- [Bot Research Resources and Sites](#)

This portal to resources on robots, intelligent agents, and macros is a Subject Trace Information Blog developed and maintained by Marcus Zillman. It is designed to provide access to current resources on the Internet. A Subject Tracer is a blog that uses bots to find, analyze, collect, and update information. The resources are alphabetically arranged; there are no annotations.

- [Cetus Links](#)

Cetus Links is portal to several thousand Internet sites about object-orientation and component-orientation. It is divided into seven main areas: general information; distributed objects and components; Internet and intranets; architecture and design; languages and development environments; databases and repositories; and related topics. The main areas are further divided into subject pages. There is an overview page for each of the main area pages and an introductory statement on the individual subject pages. The individual subject pages contain a variety of links to resources like articles, bibliographies, books and publications, conferences and meetings, FAQs, forums, glossaries, libraries, newsgroups, organizations, people, software, standards, starting points, tools, tutorials, and utilities. Cetus Links is also fully searchable.

- [**Computational Geometry Pages**](#)

A metasite providing access to Web-based and print resources dealing with computational geometry including links to research groups, forums, bibliographies, job announcements, books, journals, and software resources.

- [**The Computer Vision Homepage**](#)

Established at Carnegie Mellon University in 1994, this portal collects important resources for computer vision research. Resources are classified into the following categories: vision groups, hardware, software, demos, test images, conferences, publications, general information, and related links. This site also has a search capability.

- [**Cryptography Links**](#)

Cryptography Links provides access to resources on Internet security, government policy, legal policy, nonprofit organizations, protocols, researchers, tutorials, and miscellaneous resources.

- [**Data Mining Resources**](#)

This portal to data mining resources is a Subject Tracer Information Blog developed and maintained by Marcus Zillman. It is designed to provide access to current resources on the Internet. A Subject Tracer is a blog that uses bots to find, analyze, collect, and update information. The resources are alphabetically arranged; there are no annotations.

- [**Ethics in Computing**](#)

This site serves as portal for resources on ethics in computing. Starting with the basics like the principles and codes of ethics from various associations, it also provides access to materials on commerce, computer abuse, privacy, risks, social justice issues, and speech issues.

- [**The Genetic Programming Notebook**](#)

An extensive collection of links to information on genetic programming, genetic algorithms, artificial intelligence, evolutionary computation, and robotics. It includes access to bibliographies, books, software, people, groups, journals, conferences, courses, tutorials, and news.

- [**Grid Resources**](#)

This portal to grid and distributed computing resources is a Subject Tracer Information Blog developed and maintained by Marcus Zillman. It is designed to provide access to current resources on the Internet. A Subject Tracer is a blog that uses bots to find, analyze, collect, and update information. The resources are alphabetically arranged; there are no annotations.

- [**HOPL: An Interactive Roster of Programming Languages**](#)

HOPL is an encyclopedia of computer languages. It tracks the evolution, history, function, and relationships among computer languages. Covering over 8,500 languages, HOPL is fully searchable with basic and advanced search modes. Bibliographic references and links to other programming language Websites are also included.

- [**The Information Technology Professional's Resource Center**](#)

IITPRC is a gateway to information relating to data networking, its technologies and operations. Access is also provided to networking books, trade shows, jobs, training, certification, news, and there is section with links to Internet guides. The site may be browsed or searched.

- [**Intute: Science, Engineering, and Technology: Computing**](#)

Intute provides access to quality Internet resources. The computing section may be browsed by the following subjects: computing milieu, hardware, computer systems organization, software, data, theory of computation, mathematics of computing, information systems, computing methodologies, computer applications, and general. Intute is also searchable.

- [**Knowledge Discovery**](#)

This portal to knowledge discovery, retrieval, and management, and data mining resources is a Subject Tracer Information Blog developed and maintained by Marcus Zillman. It is designed to provide access to current resources on the Internet. A Subject Tracer is a blog that uses bots to find, analyze, collect, and update information. The resources are alphabetically arranged in three subject categories; there are no annotations.

- [**NetHistory**](#)

Gateway to resources on the history of the Internet, including applications, platforms, and protocols. It also contains links to historical resources for computers, the World Wide Web, and email, as well as national and regional Internet histories. A monthly Internet history newsletter is also available.

- [**Programming Language Research**](#)

Focusing on programming language research, this portal covers programming language theory, design, implementation, and related areas. It provides access to language overviews, research groups and institutes, individual researchers, journals, books, publishers, conferences and workshops, and bibliographies. There is also a collection of links to related subject-oriented gateways.

For further assistance, contact Tamiko Lawrence, Coordinator of Library Services (251) 578-1313,
Extension 110.