

Matt Sigmond

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EDUCATION

Carleton College

Expected Jun. 2026

Bachelor of Arts in Computer Science, Minor in History, GPA 3.7

Northfield, MN

Thesis: Guiding the Gobsmacked: Bridging the Digital Literacy Gap with Scaffolded Tech Support

Relevant Courses: Algorithms, Computability and Complexity, Computer Security, Computer Systems, Data Structures, Database Systems, Intro to Real-Time Systems, Math of Computer Science, Programming Languages, Software Design

EXPERIENCE

Makerspace Student Manager

Sep. 2024 – Present

Carleton College

Northfield, MN

- Assist Carleton's talented student makers in finding what they need for their art or technology projects
- Co-developed and led educational workshop where ~ 30 students built and soldered their own Bluetooth speaker
- Operate 3D printers, laser cutter, shop tools, Cricut sticker maker, soldering and woodworking tools

Apple/Mac Volunteer

2014 – Present

Free Geek Twin Cities

Minneapolis, MN

- Refurbish Mac computers, iPhones, iPads, and iPods for sale at Free Geek Twin Cities, ~ 5 hr/wk
- Securely wipe and deploy operating systems on machines spanning multiple decades
- Conduct repairs ranging from simple component upgrades to board-level fixes
- Troubleshoot malfunctioning systems, determine whether they are worth repairing or should be scrapped

IT Engineer

Mar. 2024 – Mar. 2026

KRLX 88.1 FM

Northfield, MN

- Served on the board of directors for Carleton's student-led radio station
- Redesigned website (krlx.org) and cleaned up infrastructure, removing links to old/unused domains
- Managed show applications, websites, functionality of the radio stream and FM broadcasting
- Maintained SQL database of hundreds of student DJs and radio shows, Laravel website for show applications

Computer Science Intern (Finance focus)

Jun. 2024 – Aug. 2024, Jun. 2025 – Jan. 2026

Avio Medtech Consulting

St. Paul, MN

- Wrote Electron app leveraging Harvest REST API to view progress and forecast completion of client projects, estimate budgets by team, and calculate billing trends
- Piloted rollout of Harvest Forecast to visualize employee utilization and workload and enhance collaboration
- Migrated CRM platform to monday.com to keep track of over 100 projects for dozens of clients
- Created SharePoint site and Power Automate script to automate personalization of 58 template documents, eliminating busywork
- Rebuilt website with a responsive, modern design, inviting for new clients

PROJECTS

SpecMe | *Electron, Node.js, HTML, CSS, JS, Git*

May 2025 – Present

- Developed a computer specification viewer written in Electron for modern cross-platform compatibility
- Wrote UI from scratch in HTML/CSS/JS, featuring modern animations and dark mode
- Published as open-source on GitHub to encourage future collaboration

Personal Website | *HTML, CSS, JS, Hugo, Git*

Jan. 2023 – Present

- Built a personal site to tie together everything I do online
- Host blog, software, photography, and a full list of my computer collection
- Deployed on Cloudflare Pages for exceptional security and ease of maintenance

TECHNICAL SKILLS

Languages: C, HTML/CSS, Java, JavaScript, L^AT_EX, Python, R, SQL (MySQL, PostgreSQL)

Frameworks: Apache, Caddy, Electron, Flask, Hugo, Node.js, Wix, WordPress

Developer Tools: Docker, Git, PyCharm, IntelliJ, Vim, VS Code, Visual Studio

Software: Linux (Ubuntu, Arch, Fedora), macOS, Windows, Fusion 360, Microsoft Office, Photoshop, Power BI