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: Scaffolded Tech Support

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

EXPERIENCE

Computer Science Intern (Finance focus) — Jun. 2024 – Aug. 2024, Jun. 2025 – Present
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

IT Engineer — Mar. 2024 – Present
KRLX 88.1 FM — *Northfield, MN*
- Serve 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
- Manage show applications, websites, functionality of the radio stream and FM broadcasting
- Maintain SQL database of hundreds of student DJs and radio shows, Laravel website for show applications

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 $\sim$ 30 students built and soldered their own Bluetooth speaker
- Operate 3D printers, laser cutter, 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, $\sim$ 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

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, LaTeX, 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