

Kevin Monsen

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SUMMARY

Computer Science (Cybersecurity) student with practical experience in network infrastructure and system administration. Proven ability to architect Ubiquiti networks, manage VLAN segmentation, and execute zero-downtime cloud migrations. Seeking an IT internship to apply skills in network troubleshooting, hardware configuration and secure systems management

EDUCATION

B.S., Computer Science (Cybersecurity)	4.15 GPA
Arizona State University, Tempe, AZ	May 2029

TECHNICAL SKILLS

IT Support & Networking: Google Workspace, Cloudflare, VLANs, Unifi, Jira, Windows, MacOS

Programming: C, C++, Java, Go, HTML, CSS, JavaScript

Web Development: WordPress, Elementor, Wix, Webflow, WP Engine

Hardware & Tools: Computer assembly, GPU repasting, soldering, Fusion 360

PROJECTS

Network Infrastructure Upgrade April 2025

- Diagnosed connectivity failures and architected a Ubiquiti-based network, configuring secure VLAN-segmented guest and internal networks to support **120 client devices**
- Produced detailed network diagrams and documentation, improving troubleshooting and reducing network outages from **156 to 1** per year

Cloud Email and Workspace Migration February 2025

- Orchestrated a zero-downtime transition of **50+ users** from a legacy email system to Google Workspace
- Administered end-user support and documentation, eliminating **\$200** in annual email fees

Migration of Website to WP Engine February 2025

- Completely redesigned our organizational website and migrated from HTML to WordPress, improving page load times by **400%**
- Configured Updraft backups and Cloudflare CDN, increased website availability to **99.99%** and enabled recovery after configuration errors

AI-Powered Vision Assistance Prototype August - November 2025

- Prototyped a real-time safety device using Raspberry Pi, sensors, camera, and audio alerts for visually impaired users with **25 millisecond** response time and **99% accuracy**.
- Leveraged AI-assisted development (Gemini, GitHub Copilot) to accelerate prototyping and identify and resolve **7 critical bugs** while maintaining clean readable code.

IT Website Development December 2025

- Constructed a responsive website using HTML, CSS, and JavaScript, including a custom brand identity to ensure visual consistency across **15 components**.

WORK EXPERIENCE

Fairbrae Swim and Racquet Club, Sunnyvale, CA: Senior Lifeguard (30 hours/week) May 2024 – August 2025

- Supervised and trained **20 lifeguards**, enforcing safety protocols and emergency response standards
- Maintained chemical balance and filtration systems for a **300+ patron** facility requiring daily operational checks and communication with stakeholders.

ADDITIONAL INFORMATION

- Eagle Scout, Order of the Arrow Vigil Honor, Founder's Award Recipient