

Seth Perko

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Education

Grand Valley State University | Bachelor's of Science in Computer Science - Graduated May 2026

- **GPA (Cumulative):** 3.742
- **Activities/Groups:** Triangle Fraternity, Bowling Club, Computing Club
- **Minors:** Engineering, Mathematics

Work Experience

Full-Stack Software Developer | Granite Woods Printing (May 2026 – Present)

- Developed production order management and customer-facing design platforms using Next.js, React, TypeScript, MySQL, and REST APIs.
- Built BigCommerce integrations, vendor management tools, and automated order processing workflows.
- Designed a MySQL database, deployed applications on Linux cloud infrastructure, and maintained scalable full-stack systems.

Backend Systems Development Intern | Granite Woods Printing (May 2025 - Aug 2025)

- Developed a backend system allowing store managers to view open orders, request vendor quotes, and match vendors to products.
- Implemented secure login and role-based dashboards to control access to internal tools and data.
- Used keyword/header insights to optimize content structure and improve potential search ranking.

Electronics Tester | Grand Rapids Liquidations (May 2024 - Aug 2024)

- Tested and diagnosed consumer electronics including PCs, displays, and small appliances.
- Developed a wide range of knowledge for debugging and testing various appliances/electronics

Projects

Sonic – Backend Order & Vendor Management System

- Developed a backend platform for store managers to view open orders, request vendor quotes, and match vendors to products.
- Implemented secure login and role-based dashboard views for controlled access.

Unicorn – SEO Analytics Dashboard

- Built a multi-view dashboard aggregating data from multiple SEO tools.
- Used keyword and header analysis to guide website content optimization.

GW Builder – Custom Envelope Design Application

- Built a full-stack web application enabling customers to customize envelopes with real-time previews and dynamic design tools.
- Integrated BigCommerce APIs, image uploads, and backend services to automate product configuration and order creation.

Awards/Leadership

- 8-time Dean's List Award Recipient
- BSA Eagle Scout
- Former Internal VP for Triangle Fraternity
- National Merit Finalist (NMSQT)
- GVSU Presidential Scholarship Winner

Technical Skills

- **Languages:** Java, C/C++, Python, MATLAB, Lua, Typescript
- **Web/Tools:** React, ReTool, MongoDB, Pandas, PyTorch, NumPy, Next.js
- **Engineering Tools:** SolidWorks, AutoDesk EAGLE
- **Systems:** Linux, Windows
- **Other:** Automation, Data Analysis