

Jack Schroeder

Columbia, MO

Education

University of Missouri - Bachelor of Science in Computer Science, Minors: Math, Certificates: Cybersecurity – Grad: May 2027

University of Missouri - Master of Science in Computer Science – Grad: May 2028

Technical Skills

- Programming Languages: Java, C, Python, Bash, Azure CLI, PowerShell
- Tools & Platforms: Microsoft 365, Microsoft Azure, vsCode, Github, SQL, Virtual Machines, Cloudflare, RDP
- Systems: Windows, MacOS, Linux
- Other: IT support, computer networking, Local LLMs, local hosted apps

Projects

Estimate Management Engine

- Designed a full user interface tool deployed through Microsoft Azure running off API calls to Microsoft Price Calculator.
- Curated specifically to the Azure services requested frequently by various internal divisions.

Database Design Project

- Designed ER diagrams and built SQL queries to create and manipulate relational schemas.

Software Systems Design Project

- Designed a permit-management platform for regulated environmental entities and state agencies.
- Produced UML models (use case & sequence diagrams), defined workflows, and conducted requirement analysis.

Work Experience

(Full-Time/Internship) Levi, Ray, & Shoup, Inc. – Springfield, IL | Hosting Solutions Technician (May 2026 – Present)

- Contributed towards large scale customer migration projects, documentation additions, and cost-saving measures.
- Built an estimate management web application with user & admin dashboards specifically curated towards the needs and goals of each internal division, analyzed customer environments for inefficiencies, and performed data analysis across management groups and subscriptions.

(Research) University of Missouri – Columbia, MO | Undergraduate Research (Feb 2026 – Present)

- Contributed towards an active project with the goal of identifying bug-introducing commits in repositories.
- Contributed multiple scripts for scraping CVE files containing source commits, identifying repeat patches for various versions, and inputting that data into a single formatted .json file.

(Part-Time) Island Bay Yacht Club – Springfield, IL | Pool Café Supervisor – (May 2025 – August 2026)

- Applied multitasking skills to manage simultaneous tasks under pressure, strengthening problem-solving and prioritization abilities.
- Rectified inefficiencies in multiple areas, allowing for increased monetary output.

Leadership Experience

Sigma Chi Fraternity (Nov 2024 – Jan 2026) | Director of Facilities and Property Management

- Leading the Housing Committee which I created from scratch with the focus of improving members' input.
- Building up our billing software through Revela and managing member's documents and leases.