

Zachary Himes

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Qualifications

- Passionate, self-motivated, and organized, by always writing clean, efficient, and quality code
- Excellent problem-solving skills and curiosity, by always being excited by new and unfamiliar tech and the ability to learn something new
- Strong leader & team player, by always bringing a spirit to learn, collaborate and work together to accomplish a bigger goal
- Detail & time-oriented, fast learner, responsible, by always working toward a goal in an organized and well-thought-out fashion

Technical Skills

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|---------------|----------|--------------|
| • C++ | • PHP | • JavaScript |
| • SQL / MySQL | • HTML | • Redis |
| • CSS | • Git | • Maria DB |
| • GitHub | • QT GUI | • Python |

Education

Bachelor of Arts in Computer Science

Seattle Pacific University, 2022

Technical Projects

- **Chromebook Monitoring Software** (JavaScript, PHP, Python, SQL, Redis)
This software can pull a "live stream" of all online students and view their browsers. This allows the admin to monitor students during class to ensure they are on appropriate sites. Other features include sending a message pop-up to student screens and disabling all or individual screens so the computers are not being used at inappropriate times.
- **Chrome Proxy Service** (JavaScript, PHP, SQL, Python)
I developed it as a chrome extension on student devices, connected to a web interface where a school administrator can add sites to either a bypass list or a block list. The back end consists of multiple databases that hold 'bypass lists,' 'blocklists,' and custom school configurations. Each database can send data via a rest API, which actively updates the chrome books and web interface lists through a Cron job on the server every 5 minutes.
- **Hotel Management/Check-in Software** (C++)
The software allows users to check into, change, and pay for their rooms, all encapsulated in a sleek and easy-to-use user interface.

Experiences

Lead Software Engineering Intern

Advanced Network Professionals, Spencer, IA
2021 Summer

- Independently developed a proxy and monitoring software, which the company was able to implement and profit more than \$36,000 annually in 3 different local school districts
- Effectively wrote industry-standard software, which is now used by more than 1000 students and 200 staff members
- Quickly learned and adapted to new technologies

Lead Help Desk Technician

Seattle Pacific University, Seattle, WA
2019-Present

- Efficiently delegate and organize the workflow and responsibilities of our help desk team
- Effectively assist professors and students with device and network technical difficulties
- Coordinated student accounts that oversee confidential services on campus
- Enforce online policies according to the institution's code of conduct