Nathan Laha

Phone: (206) 617-6148
Email: nlaha@outlook.com
Website: https://nlaha.com
LinkedIn: https://www.linkedin.com/in/nlaha/
GitHub: https://github.com/nlaha

SUMMARY

I am a software engineer with a wide range of experience and a desire to learn. I enjoy writing reliable and performant code in complex systems. I am familiar with test driven development (TDD) and the Agile and scaled Agile (SAFe) frameworks. In addition, I have experience with a wide range of programming languages and libraries.

EDUCATION

BS   ***Washington State University, B.Sc. Computer Science***   ***2021-2025***

EXPERIENCE

Freelance Software Engineer – Stealth Startup   *2023-Present*

Working as a freelance software engineer, I developed a full-stack web application using React and TypeScript. This was a re-write of an open-source project I had developed years earlier called Equinox Dialogue that had the attention of the founders for its ease of use.

Systems Engineering Intern - Premera Blue Cross   *2023-2023*

Working as a full-time intern in systems engineering at Premera Blue Cross. I helped the cloud platform team implement policy and Terraform code across an Azure tenant. This enabled five teams across the company to better utilize Azure while staying compliant with HIPAA and HITRUST standards.

Teaching Assistant - WSU VCEA   *2023-2024*

Working as a TA for the Voiland college of engineering, I taught a 3-hour lab section once a week, helping seventeen students review content and prepare for their exams. I also held office hours where I provided one-on-one assistance to those that needed it.

Program Assistant - UW Medical Center   *2020-Present*

Working as a part-time software engineer helping to create web apps and data visualizations using Python, R and SQL. During this time, I developed a full-stack web application to display and analyze laboratory test metrics.

Volunteer - UW Medical Center   *2019-2020*

Working as a volunteer helping with small data science tasks in R and Python. During this time, I learned the R programming language and developed an application to replace a SQL script that was no longer maintained. By doing this, I unified a codebase that had previously relied on SQL to manage data intake.

Freelance Web-dev - Japanese Art Swords   *2021-2022*
Assisted in migrating an old Drupal site to a modern design. I constructed the website using Craft CMS and wrote a Python script to scrape data from the old site and import it.

Consulting - Teachers for an Informed Public   *2019-2020*
Assisted in setting up web hosting and built a custom WordPress theme for the organization.

HONORS AND AWARDS

Crimson Code Hackathon 1st Place   *2022-2022*
Collaborated with a team of three others to develop a full-stack web application in the span of 24 hours. I took on the role of team leader and project manager.

Department Scholar - BHS Digital Filmmaking   *2020-2021*
Completed all four years of the Ballard High School digital filmmaking program, winning multiple awards along the way and further honing my leadership skills through directing projects. I won the department scholar award upon graduation for my achievements.

PROJECTS

Test Metrics Dashboard   *2021-2022*
Developed a full-stack web app to display percentiles and other data visualizations for laboratory tests. I created this while working for the University of Washington Medical Center and was able to further develop both my Python and SQL skills while making a positive impact with my work.

Godot MIDI   *2022-2023*
Wrote a custom MIDI file parser from scratch both in C# and later in C++ as a plugin for the Godot game engine. This allows developers to incorporate music synchronization into their games or applications easily. It is an open-source project with over thirty stars on GitHub.

BHS General Computing Club – Club Leader   *2019-2020*
Led a computer science and coding club at my high school. We held meetings once a week and worked on projects as a group.

TOP SKILLS

- Web Development: React, TypeScript
- SQL/NoSQL Databases: PostgreSQL, SQLite, MongoDB
- Object Oriented Programming: C#, Java, C++
- Systems Programming: C, Rust
- Scripting: Python
- Systems Administration: Linux, Docker