

Nathan Laha

Website: <https://nlaha.com>
GitHub: <https://github.com/nlaha>

EDUCATION

BS Washington State University, B.Sc. Computer Science 2021-2025
Expected graduation date: May 5th, 2025

EXPERIENCE

Software Engineer (Part Time) – Symbal AI 2023-Present

- Created 3 full-stack web applications from scratch to meet business needs
- Set up an Azure using Bicep IaC for continuous deployment
- Enhanced an open source project with new features
- Provided support for several production applications

Software Engineering Intern – Premera Blue Cross 2024-2024

- Fixed 15+ bugs in a C# back-end API
- Worked on an agile team
- Wrote test plans and utilized SQL to gather test data
- Used test driven development (TDD) to build applications

Systems Engineering Intern - Premera Blue Cross 2023-2023

- Utilized Azure Policy to enforce HIPAA compliance across an Azure tenant
- Used Bicep and Terraform to interact with Azure
- Worked on an agile team utilizing Azure DevOps

Teaching Assistant - WSU VCEA 2023-2024

- Taught a 3 hour lab section for 17 students
- Held office hours and provided one-on-one help for students
- Described C programming concepts during lab and office hours

Program Assistant - UW Medical Center 2020-Present

- Created data visualizations using Python and R
- Developed several production ready full-stack web apps in Python
- Worked with the Foy Lab to develop a machine learning approach for test interpretations

Volunteer - UW Medical Center 2019-2020

- Helped with several data science tasks using Python and R
- Converted a SQL script to R, allowing for easier development

Freelance Development - Japanese Art Swords 2021-2022

- Developed an automated solution to migrate data from Drupal to CraftCMS
- Designed and built a new website

HONORS AND AWARDS

Crimson Code Hackathon 1st Place

2022-2022

- Won 1st place in our category for this 24 hour hackathon
- Developed a react app with a C# back-end along with 3 other team members

Department Scholar - BHS Digital Filmmaking

2020-2021

- Completed four years of the Ballard High School digital film-making program
- Won department scholar for my achievements during that time

PROJECTS & LEADERSHIP

Test Metrics Dashboard

2021-2022

- Developed a full-stack web application to display turnaround times for laboratory tests
- Utilized DuckDB to ensure application performance on large datasets from the LIS

Godot MIDI

2022-2023

- Accumulated over 70 stars on GitHub
- First written in C#, then in C++ to allow for better cross platform compatibility
- Allows music synchronization in games

BHS General Computing Club – Club Leader

2019-2020

- Led club activities and marketing during in-person and remote (COVID) school
- Developed a custom Office365 OAuth integration for a Minecraft server using Java