

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>

EDUCATION

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

UW Medical Center – Program Assistant	2020-Present
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Working as a part time software engineer helping to create web apps and data visualizations using Python, R and SQL.

UW Medical Center – Volunteer	2019-2020
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Working as a volunteer helping with small data science tasks in R and Python.

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

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

HONORS AND AWARDS

Crimson Code Hackathon 1st Place	2022
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Worked with a team of 3 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.

BHS Digital Filmmaking – Department Scholar	2021
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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 & LEADERSHIP

Solstice GE	2022
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A custom 3D game engine written entirely in C++. It implements the “entity component system” design process and supports basic physically based rendering.

Equinox Dialogue	2022
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A cross platform React app for building non-linear storylines and dialogue trees for games.

BHS General Computing Club – Club Leader

Led a computer science and coding club at my high school. We held meetings once a week and worked on projects as a group.

NOTABLE SKILLS

Below are some technologies I know well:

C++, Python, R, JavaScript, Java, SQL, Flask, Django, React, Docker, AWS-CDK and ECS

Other Skills:

- Full-stack Development
- Linux
- Web & Front-end Development
- Databases
- Object Oriented Programming
- Server Networking