

Nathan Laha

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

EDUCATION

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

Premera Blue Cross – Systems Engineering Intern	2023-2023
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Full-time summer internship in systems engineering at Premera Blue Cross. I helped the cloud platform team implement policy and Terraform code across an Azure tenant.

WSU VCEA – Teaching Assistant	2023-Present
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Working as a TA for the Voiland college, I led a lab section once a week, helping students review content.

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

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

More projects can be found on my [GitHub](#) page.

BHS General Computing Club – Club Leader

2019

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

Skills

- Full-stack web development
- Data science
- Graphics programming
 - o HLSL and GLSL
- Agile & Scaled Agile frameworks.
- Azure DevOps

Programming Languages	Technologies
<ul style="list-style-type: none">- C- C++- Java- Python- Rust- R- JavaScript- SQL- Haskell- C#- GDScript- PowerShell- Bash- Terraform- Bicep	<ul style="list-style-type: none">- HTML/CSS- Azure- Azure Policy- Flask- Django- Docker- React- SQLite- PostgreSQL- MongoDB- Prisma ORM- Entity ORM- Kubernetes- Linux/Unix- Git