

# NATHAN LAHA

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## EDUCATION

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<b>BS</b>	Washington State University, B.Sc. Computer Science	2021-2025
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## WORK EXPERIENCE

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<b>UW Medical Center – Program Assistant</b>	2021-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.

<b>UW Medical Center – Volunteer</b>	2020-2021
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Working as a volunteer helping with small data science tasks in R and Python.

**Japanese Art Swords – Freelance Web Development**

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.

## HONORS AND AWARDS

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<b>Crimson Code Hackathon 1<sup>st</sup> Place</b>	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.

## PROJECTS & LEADERSHIP

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Please see my website for more detailed information about my personal projects.

<b>Solstice GE</b>	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.

**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

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**Below are some technologies I know well:**

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

**Skills:**

- Full-stack Development
- Linux
- Web & Front-end Development
- Databases
- Object Oriented Programming
- Experience with various IDEs
  - o Visual Studio, VSCode, IntelliJ, PyCharm
- Server Networking