

# JASON ZHANG

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## EDUCATION

### UNIVERSITY OF WASHINGTON

#### Computer Science

3.88/4.0 GPA

2021-2024

### EASTLAKE HIGH SCHOOL

4.0/4.0 GPA

2017-2021

## LINKS

LinkedIn:

<https://www.linkedin.com/in/zjjc123/>

GitHub:

<https://github.com/Zjjc123>

## SKILLS

Languages

C • C++ • C# • HTML • CSS • Java  
JavaScript • TypeScript • Python  
Rust

Frameworks and Libraries

React.js • Next.js • Tailwindcss

Node.js • Express

PyTorch • pandas • NumPy

Unity • Pygame

Technical

OOP • Data Structures • Algorithms

CICD • Unit Testing

Version Control • Git • GitHub

Media and Content

Davinci Resolve • Adobe Premiere

Adobe Photoshop • Adobe Lightroom

Soft Skills

Problem Solving • Team Work

Eager to Learn

## EXPERIENCES

### ML RESEARCH ASSISTANT | UW Radiation Oncology

December 2022 - Present | Seattle, WA

- Using NLP to contextualize and analyze
- the large amount of unstructured biomedical data, including grant proposals, clinical notes, and safety reports.

### RESEARCH ASSISTANT | Seattle, WA

#### UW Applied Hearing Science Lab

December 2022 - Present

- Designing a user friendly yet dynamic user interface
- with React.js for hearing aid tuning targeted towards older users. Creating a backend Node.js server to interact with the hearing aid firmware and settings.

### SPORTSBBOX AI | Software Engineer Intern

July 2020 - September 2020 | Bellevue, WA

- Developed 3D humanoid kinematics and quaternion rotation techniques for displaying machine learning pose estimation.
- Integrated Unity as a Library on Android using C#, Java, and Kotlin

### KEY CLUB | Community Service Manager

March 2020 - June 2021 | Sammamish, WA

- Created a website for 3000+ students at my high school to track service hours by using JavaScript, React, and Firebase.

## ACHIEVEMENTS

### EBAY ML CHALLENGE 2022 | 2nd Place

November 2022

We placed second place in the eBay ML Challenge 2022 by training robust Name Entity Recognition models that classified various labels in product titles. We used various NLP techniques including custom embeddings and transformer models.

### DUBHACKS '22 T-MOBILE TRACK | Most Marketable Hack

October 2022

Won the largest hackathon in the PNW, DubHacks '22, by creating a Package Tracking Device using T-Mobile DevEdge IoT Developer Kit. We wrote custom firmware for the DevEdge Kit that collects, logs, and sends telemetry data.

### JANE STREET ETC SEATTLE 2022 | Winner of Final Hour

July 2022

Won the Final Hour of Jane Street's 2022 Seattle Electronic Trading Competition. Using Python and advanced Market Making Strategies, we created the most profitable trading and market making bot in the end to generate the most profit each round in a simulated market.

## PROJECTS

### GUIPY | Python

May 2022 - Present

Open source UI componenets library published on PYPI for pygame. Aimed to make simulation, graphing, and prototyping in research and corporate settings easy and pain free. Continuous Integration and Deployment with GitHub Actions.

### PERSONAL PORTFOLIO | JavaScript

April 2020 - Present

Building a fully functional, modern, and responsive personal portfolio website with React. Continuously deployed to GitHub Pages using GitHub Actions. The website contains clean UIs, smooth animations, and an intuitive user experience.