

# JASON ZHANG

zjzc123@gmail.com | +1 (425) 898-3210

## EDUCATION

### UNIVERSITY OF WASHINGTON

#### COMPUTER SCIENCE

2021-2024

### EASTLAKE HIGH SCHOOL

4.0 Unweighted GPA

2017-2021

## LINKS

### LinkedIn:

<https://www.linkedin.com/in/zjzc123/>

### GitHub:

<https://github.com/Zjzc123>

## SKILLS

### TECHNICAL SKILLS

#### Languages

C • C++ • C# • HTML • CSS • Java

JavaScript • TypeScript • Python

#### 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 @ UW RADIATION ONCOLOGY | NLP RESEARCH ASSISTANT

December 2022 - Present | Seattle, WA

- Using NLP to contextualize and utilize the large amount of unstructured biomedical data.

### UW SPEECH & HEARING SCIENCES | WEB DEVELOPER

January 2023 - Present | Seattle, WA

- Building an open-sourced app for easily tuning hearing aids.

### SPORTSBOX 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 that collects and logs data, set up a TCP socket to our web server, and sends it over the internet to be displayed on our web app.

### 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 components 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.