JASON ZHANG

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EDUCATION

UNIVERSITY OF WASHINGTON
Computer Science
2021-2024

EASTLAKE HIGH SCHOOL
4.0 Unweighted GPA
2017-2021

LINKS

LinkedIn:
https://www.linkedin.com/in/zjjc123/
GitHub:
https://github.com/Zjjc123

SKILLS

Technical 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
Adobe Premiere Pro • Davinci Resolve
Adobe Photoshop • Adobe Lightroom

Soft Skills
Problem Solving • Team Work
Eager to Learn

EXPERIENCES

UW SPEECH & HEARING SCIENCES | Web Developer
January 2023 - Present | Seattle, WA

- Designing a user-friendly GUI for hearing aid tuning targeted toward older users.

CITY OF SAMMAMISH | Professional Videos and Photos Consultant
March 2021 - Present | Sammamish, WA

- Created photos, drone pictures, and promotional videos for upcoming parks and recreation areas in the City of Sammamish for Sammamish Parks, Recreation & Facilities to be used in using Photoshop, Lightroom, and Premiere Pro.

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

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

JAMES WEBB COMPOSITE | Python
January 2023 – Present
Using public James Webb Space Telescope data and compositing stunning 8K images of the universe by extracting NIRCam images and using Adobe Photoshop to composite the result with various techniques such as RGB channel blending and color correction.

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.