Jason Zhang

https://github.com/Zjjc123

https://linkedin.com/in/zjjc123

https://jasonzhang.dev/

zjjc123@hotmail.com

Experience

AI THINKTANK, Software Engineer Intern
July 2020 - September 2020
AI THINKTANK
Bellevue, WA

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

Key Club, Community Service Manager
March 2020 - June 2021
Eastlake High School Key Club
Sammamish, WA

- Created a website for 3000+ students at my high school to track service hours by using JavaScript, React, and Firebase (ehs-service.org)
- Managed an open sourced community on GitHub for future maintenance

Education

University of Washington
2021 - 2025
Undergraduate Student
Seattle, WA

GPA: 3.92
Classes: Data Structures and Parallelism, Hardware Software Interface, Calculus III, Differential Equations

Eastlake High School
2017 - 2021
Student
Sammamish, WA

GPA: 4.0/4.0
AP: AP Biology (5/5), AP Calculus AB (5/5), AP Calculus BC (5/5), AP Chemistry (5/5), AP Computer Science P (5/5), AP Computer Science A (5/5), AP Government (5/5), AP Macroeconomics (5/5), AP Microeconomics (5/5), AP Statistics (5/5), AP Physics 1 (5/5), AP Statistics (5/5).
Advanced Classes: Multivariable Calculus, Linear Algebra

Skills and Languages

Languages: C, C++, C#, Java, JavaScript(React, NodeJS), Python, Rust
CI/CD: GitHub Actions
Cloud: Firebase Functions, Firestore
Version Control: Git, GitHub
Video Editing: Davinci Resolve, Adobe Premiere Pro, Adobe After Effects
Photography and Graphics: Adobe Photoshop, Adobe Lightroom

Extracurricular

VEX Robotics Team 3638A: Worked in a team environment to implement robotics controls, autonomous controls, computer vision, PID control, and odometry. in C++ and C for the Vex Robotics Competition.
HOSA International Competitions: Won first place internationally at the HOSA International Leadership Conference for creating a public service announcement regarding current health issues.

Projects

React Personal Portfolio: Personal portfolio built using React. Implemented different animation and styling libraries. Deployed using GitHub Actions.
Cloude: A collaborative browser based programming IDE and compiler that allows programmers to work on the same project in real-time without merging conflicts. Using React and Microsoft Fluid Framework.
Unite NEAT: Popular algorithm Neural Evolution of Augmented Topologies(NEAT) implemented with Unity C#.
N-Body Simulator: 2D and 3D N-Body Simulator implemented with Python.
Vitality: Android App developed using Android Studios for the purpose of tracking overall health and fitness.