Jonathan Mo

Computer Science Graduate
Software Development

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Education

University of California Davis
September 2024 - March 2026
GPA: 3.58
Bachelor's Degree in
Computer Science

College of San Mateo
August 2022 - May 2024
GPA: 3.98
Associate's Degree in
Math, Physics, and Computer Science

Relevant Coursework: Object-Oriented Programming, Data Structure, Algorithm Design and Analysis, Computer Architecture, Artificial Intelligence, Machine Learning, Computer Networks, Software Engineering, Operating Systems, Statistical Modeling

Skills

Languages: C++, Python, Java, Go, Rust, HTML/CSS, Javascript, Lisp, Prolog, R, MIPS, SQL
Framework/Libraries: React, Node.js, Flask, SetFit/Transformers
Tools: Git, GitHub, Linux/WSL, Windows, Docker, VS Code, Webpack, Chrome APIs, Slack APIs

Experience

Software Engineering Intern
TeamCal AI – Remote
March 2026 - Present

- Maintained and enhanced browser extensions for Google Chrome and Slack by developing new features, resolving bugs, and improving overall performance and reliability
- Designed and implemented scheduling features by integrating calendar data and natural language input, enabling users to quickly identify optimal meeting times across multiple participants
- Integrated APIs and worked with databases to support dynamic application features
- Collaborated with a team of engineers in an agile environment, contributing to code reviews and sprint planning

Projects

Brain Tumor Classification Model: A machine learning model that classifies brain tumors given MRI brain scan imagery using algorithm: Convolutional Neural Network, Support Vector Machine, and Random Forest
Live Chat Room: A live server using Node.js that allows multiple users to be on the same website and interact with each other
UDP Protocol: A custom protocol that uses a dynamic sliding window with selective retransmission to send packets over a server and acknowledge them
LLM-Based Bug Detection Framework: Built a Java annotation-driven persistence framework using reflection to store and load GitHub repositories and issues from Redis and integrated an LLM to detect bugs in C/C++ code and compare them against real GitHub issue reports

Honors and Awards

Certificate of Specialization in C++
College of San Mateo
Spring 2024

Certificate of Completion Stanford Small Groups
Stanford University
Fall 2023