

Work Experience

Software Engineer	HeadstarterAI San Francisco, CA	June 2024 – Sept 2024
Tutor/TA/Grader	Kumon San Bruno, CA	Sept 2022 - July 2023

- Built 5+ AI-driven web applications using Nextjs, OpenAI, GeminiAI, VertexAI, Firebase, AWS
- Applied AI to optimize and automate tedious tasks in various applications
- Developed projects from design to deployment leading 4 engineering fellows using MVC patterns
- Incorporated CI/CD practices with user feedback to facilitate continuous optimizations

- Assisted 100+ students with reading comprehension, vocabulary, grammar, and writing
- Worked in a team of 4 to grade a total of 600 homework packets over the course of 3 hours

Projects

Hypixel GXP Bot - https://github.com/Jamin-Chan/Hypixel-GXP-Bot	August 2022
<ul style="list-style-type: none">• Developed a discord bot that retrieves and parses data from over 100 players via REST API• Utilized Hypixel & Mojang API to retrieve and format game statistics of up to 125 individual players• Deployed to over 100 active Discord servers reaching over 8k active users	
GenCard AI - https://github.com/Jamin-Chan/ECS162-finalproject	June 2025
<ul style="list-style-type: none">• Led team of 5 by assigning tasks, settings deadlines, and overseeing progress to fully design and implement a web application featuring AI-powered flashcard generation• Created a responsive frontend to be compatible across all major screen sizes supporting over 95% of user devices• Integrated Firebase authentication and Firestore database for a secure and scalable backend	
Multimodal Complaint Analysis System - https://github.com/realazee/multimodal-complaint-analysis-system	Sept 2024
<ul style="list-style-type: none">• Developed a multimodal system that processes and categorizes text, image, video, or voice files• Stored analyzed complaint info in a PostgreSQL database with frontend controls• Utilized VertexAI and Google Cloud to process image, video, and voice files	

Education and Certifications

B.S. Computer Science , University of California, Davis.	Graduated June 2025
<ul style="list-style-type: none">• Relevant Coursework: Algorithm Design and Analysis, Computer Architecture, Software Development & Object-Oriented Programming, Probability and Statistical Modeling, Programming Languages, Theory of Computation, Operating Systems, Database Systems, Web Programming, Intro to Artificial Intelligence, Information Visualization	
A.S. Computer Science , Skyline College.	Graduated May 2023
<ul style="list-style-type: none">• Dean's List (4x)• Relevant Coursework: Data Structures, Intro Object-Oriented Prog: C++, Microcontrollers with C++, Assembly Language, Linear Algebra, Discrete Mathematics, Ordinary Differential Equations	

Technologies and Languages

- Languages: C++, C, Java, Typescript, R, Python, Javascript, SQL
- Technologies: Git, OpenAI, NextJs, React, RestAPI, Firebase, AWS, Nodejs, Google Cloud, Stripe, Vercel, Docker