

Jamin Chan

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Education

University of California, Davis

September 2023 - June 2025

- Bachelor of Science, in Computer Science
- Completed Coursework: Computer Architecture, Software Development & Object-Oriented Programming in C++, Algorithm Design and Analysis, Probability and Statistical Modeling
- Current Coursework: Operating Systems, Programming Languages, Theory of Computation

Skyline College

August 2021 - June 2023

- Associates of Science, in Computer Science
- Dean's List (4x)
- Completed Coursework: Intro Object-Oriented Prog: C++, Data Structures, Microcontrollers with C++, Assembly Language, Linear Algebra, Discrete Mathematics, Ordinary Differential Equations

Projects

Multimodal Complaint Analysis System - <https://bit.ly/3AwlCyS>

- Developed a multimodal system using VertexAI and Google Cloud, processing text, images, video, and voice inputs in under 4 hours
- Stored analyzed data in a PostgreSQL database with frontend controls for the database

GenCard AI - <https://github.com/Jamin-Chan/flashcard-app>

- Built a web application using NextJs and React, featuring AI-powered flashcard generation
- Integrated secure authentication via clerk and seamless payment processing with Stripe

Website Portfolio - <https://github.com/Jamin-Chan/landingpage>

- Created a website utilizing HTML, CSS, Javascript with interactive features to enhance user experience
- Designed a website to be more visually appealing than a traditional resume

Hypixel GXP Bot - <https://github.com/Jamin-Chan/Hypixel-GXP-Bot>

- Developed a discord bot to parse through players using game requirements
- Utilized Hypixel & Mojang API to retrieve and format game statistics of 125 individual players

Skills

- Languages: C++ | C | Java | LaTeX | HTML | CSS | Typescript | R | Python | Javascript
- Tools/Libraries: Git | Visual Studio Code | OpenAI | Gemini | Nextjs | React | RestAPI | Firebase | AWS | Nodejs | TailwindCSS | GenAI

Employment

Software Engineering Fellow - HeadstarterAI

June 2022 - September 2024

- Built 5+ AI apps using Nextjs, OpenAI, GeminiAI, VertexAI, Firebase, AWS in 7 weeks
- Developed projects from design to deployment leading 4 engineering fellows using MVC patterns

Tutor/TA/Grader - Kumon

September 2022 - July 2023

- 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
- Optimized the grading process with a speed increase of 50% using dynamic load balancing

Extracurriculars/Leadership

Co-Captain - Mills High School

August 2019 - May 2020

- Math Competition: AMC 10A, AMC 12B, SACMATH
- Managed 10+ members in meetings focused on advanced concepts of number theory and probability
- Organized 3 fundraising campaigns raising over 350 dollars for math competitions
- Co-hosted math activities such as games, puzzles, problem solving, discussion of problems