

Conner Yin

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EDUCATION

Santa Clara University

B.S. Computer Science and Engineering; Minor in Mathematics — GPA: 3.6

Sep 2021 - Dec 2024

Santa Clara, CA

EXPERIENCE

Microsoft

Software Engineer Intern - MSAI Turing Team

June 2024 - Sep 2024

Redmond, WA

- Enhanced Enterprise Copilot prompt generation by increasing safety & efficiency, supporting AI advancements
- Implemented a C# fluid engine parser for liquid template language optimizing prompt building process
- Built a prompt builder interface in React to visualize liquid templates and support developer workflow

Roche Diagnostics

Software Engineer Intern - Information Solutions Cloud

June 2023 - Sep 2023

Santa Clara, CA

- Employed Cloud Computing and DevOps to host and support healthcare provider applications and data
- Wrote Bash and Python scripts connecting to MySQL database to send HTML formatted email alerts
- Created Zabbix dashboards to monitor AWS services usage and costs and setting triggers on increase

Intel Corporation

Software Engineer Intern - NAND-DTM Capability & Analytics

Mar 2022 - Aug 2022

Folsom, CA

- Prototyped a data pipeline editor using LAMP stack to support dynamic data pull and ETL process
- Developed an asset tracker interface for importing and modifying centralized source of truth for datasets
- Implemented version control, comparisons, and permissions, improving data workflow for 50+ engineers

X-Camp Academy

Software Developer Intern

Jan 2021 - Aug 2021

Cupertino, CA

- Developed Learning Management System (LMS) website for 2000+ students in Vue and Java Spring
- Wrote Python scripts and set up AWS EC2 cron jobs to automate homework grading and emails

PROJECTS/EXTRACURRICULARS

Newcomer - Senior Capstone Project | [Slides](#), [Presentation](#)

Sep 2023 - Jun 2024

- Designed Flutter mobile app/website to connect new employees and interns using word2vec models in Python
- Won the CSE department's Technical Excellence Award (out of 40+ senior design projects)

Santa Clara University ACM | [Club Website](#)

Apr 2022 - June 2024

- Founded Competitive Programming Club: DSA lectures, mock interviews, coding contests with 40+ participants
- Led SCU teams to ICPC regionals for the first time in the school's history, launched ACM linkedin page

Tripsitter Travel | [GitHub Repo](#)

Jan 2024 - Mar 2024

- Developed app with 8 APIs for booking flights, hotels, cars, events & PDF itineraries, Maps, Google calendar
- Used Flutter frontend, Firebase, Node.js, Mapbox, Google Maps, Stripe, Yelp, Ticketmaster

Human Benchmark Bot | [GitHub Repo](#)

Dec 2021

- Wrote webscraping/automation scripts to produce superhuman scores on the humanbenchmark.com tests
- Used Selenium WebDriver, Python Image Library (PIL), and PyAutoGUI to scan screen and automate mouse

SKILLS

Languages: Python, Java, JavaScript, TypeScript, C/C++, C#, SQL, HTML, CSS, PHP, Dart, Bash

Frameworks/Tech: React, Vue, Flutter, Tailwind CSS, Firebase, MySQL, Node.js, Flask, Apache

DevOps: Git, GitHub, Linux/Unix, AWS, Azure, Selenium, Postman, Chrome DevTools, Ubuntu, Jira

Other Experiences: USACO Gold, COSMOS UCSC Video Game Design, TeamsCode EVP, ACF Startup Coach

Hobbies: Music Composition, Video Editing, Acapella, Piano, Musical Theater, Hiking, Tennis, Volleyball