Conner Yin

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EDUCATION

Santa Clara University   Exp. Graduation Dec 2024
B.S. Computer Science and Engineering; Minor in Mathematics   *Santa Clara, CA*

Relevant Coursework: Data Structures, Object Oriented Programming, Machine Learning, Embedded Systems, Logic Design, Discrete Math, Electric Circuits, Digital IC Design, Cryptography, Linear Algebra
Clubs: Association for Computing Machinery (ACM) Outreach Coordinator, Acappella Marketing Chair

EXPERIENCE

Software Engineer Intern   June 2023 – Sep 2023
Roche Diagnostics   *Santa Clara, CA*
- Created dashboards with Zabbix to monitor AWS EC2, RDS, S3, etc. usage and costs and setting triggers on increase, considerably cutting costs for cloud team and streamlining devops workflow
- Wrote bash and python scripts connecting to MySQL database to send HTML formatted email alerts

Software Engineer Intern   Mar 2022 – Aug 2022
Intel Corporation   *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, modifying, and maintaining centralized source of truth for datasets. Implemented version control, comparisons, and permissions, improving data workflow for 50+ engineers
- Created a query editor interface for saving and executing custom queries, wrote SQL queries for clients

Software Developer Intern   Jan 2021 – Aug 2021
X-Camp Academy   *Cupertino, CA*
- Developed Learning Management System (LMS) and maintained X-Camp website in Vue and Java Spring
- Managed student and course data with PHPMyAdmin MySQL and internal REST APIs
- Wrote Python scripts and set up AWS EC2 cron jobs to automate homework grading and emails to 100+ families

Startup Coach/Instructor   June 2021 – Aug 2022
Applied Computing Foundation   *Los Gatos, CA*
- Mentored a team of high school students to launch startup product *BerriBasket*, an online farmers' marketplace web application, by their cultivating skills in market research, product design, and website development
- Taught Python in-person camp and instructed Java APCS course, provided 1-on-1 tutoring to students in Python

Executive Vice President   Jul 2019 – Jul 2021
TeamsCode   *Cupertino, CA*
- Managed 17 organizers to write problems, recruit sponsors, and host 3 coding competitions with 700+ participants
- Wrote 30+ algorithmic problems, produced livestreams/promotional videos, spearheaded transition to online

PROJECTS

Voluntarius | *GitHub Repo*   Feb 2022
- Full-stack web and mobile application for connecting volunteers and end-users built with Flutter for frontend/Google Maps integration, Firebase for user authentication, and Node.js for push notifications

Human Benchmark Bot | *GitHub Repo*   Dec 2021
- Wrote webscraping scripts to produce superhuman scores on the *humanbenchmark.com* tests built with Selenium WebDriver, Python Image Library (PIL), and PyAutoGUI to scan screen and automate mouse

SKILLS

Languages: Python, Java, JavaScript, C/C++, SQL, HTML, CSS, PHP, Dart, Bash
Frameworks/Tech: React, Vue, Flutter, Tailwind CSS, Firebase, MySQL, Node.js, Flask, Apache, NumPy, Pandas
DevOps: Git, GitHub, Linux/Unix, AWS, Zabbix, Selenium, Postman, Chrome DevTools, Ubuntu
Interests: USACO Gold, COSMOS UCSC Video Game Design, Music Composition and Production, Video Editing, Livestreaming, Acapella, Piano, Flute, Musical Theater, Hiking, Tennis, Volleyball, Skiing, Social Deduction Games