Ethan Chennault

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Summary Statement

Motivated and ambitious student, currently studying business and computer science at University of California, Irvine. Interested in positions that increase exposure to industry tools while boosting experience and capability in several fields of technology, including software engineering, data analysis, and project management.

Technical Skills

Programming Languages
Javascript, Python, C++, Java, Typescript, HTML, CSS

Web Technologies
React, Vue, Tailwind, Express, Next.js, Remix, Node.js

Database Technologies
SQL,Postgres, Firebase, Supabase, AWS, MongoDB

Other
Git, GitHub, Linux, Docker, Figma, Drizzle, Prisma

Concepts
Data Structures, Algorithms, Requirements Analysis, Integration and Unit testing, SSH, SFTP, Data Modeling

Experience

Research Assistant   Irvine, CA
University of California, Irvine   Nov 2024-Present
- Optimized the Makefile for BLANT, a network alignment research tool, reducing build time by 20 percent.
- Utilized React and Express in the development of web applications and interfaces for research projects

Summer Technology Intern   Oakland, CA
Alameda County Information and Technologies Department   June 2022-Aug 2022
- Configured and repaired private networking systems that included switches, firewalls and routers, allowing for faster communications and network connection in three new buildings.
- Deployed Virtual Machines utilizing vSphere for virtual work access to increase productivity.
- Investigated and eliminated cybersecurity intrusions utilizing CrowdStrike.
- Uninstalled and disk wiped nonessential servers in the Oakland data center, optimizing the network.
- Met with clients to determine network requirements for a new office building.

Engineering Intern   San Jose, CA
Hewlett Packard Enterprise   May 2021 to Aug 2021
- Developed and optimized a Python command-line script, increasing developer querying speed of real HPE customer servers by 70 percent.
- Created full coverage software tests to ensure code quality across Windows and Linux operating systems.
- Utilized Git and GitHub to track commits, changes, and monitor test cases.
- Gained insight on server array traffic, data management, and server array software.

Education

University of California, Irvine   September 2023-Present
B.S., Computer Science, B.S Business Information Management
GPA: 3.83, Dean's Honor List
Relevant classes: Intermediate Programming, Data Structure Implementation and Analysis
Member of Sigma Phi Epsilon, Cal Beta Alpha

San Leandro High School   August 2019-June 2023
GPA: 4.0, Honor Roll
Relevant classes: AP Computer Science Principles, AP Computer Science A

Additional

Language Skills: Conversational level in Mandarin

Code Projects: https://github.com/3thanOls

Volunteer Experience: Volunteered with San Leandro Community Food Pantry and San Leandro Main Library