Jiahao Deng

daviddeng0smm@gmail.com | (510)-424-1860 | https://www.linkedin.com/in/-jiahaodeng/ | GitHub: daviddeng0smm

EDUCATION

University Of California, Irvine   **Irvine, California**
B.S. Software Engineering/Computer Science   *Expected Graduation, May 2026*
Relevant Courses: Object Oriented Programming, Programming in Java, Advance, Introduction to Data Structures & Algorithms, Computer Organization and Assembly Language Programming, Calculus I, Calculus II, Discrete Mathematics, Computer Human Interaction, Requirement Analysis & Engineering, Programming in C/C++, Intro to Software Engineering.

EXPERIENCE

Apple Inc.   **Virtual**
Apple Pathways Scholar   *Jan 2024 – Present*
- Excelled in a prestigious enrichment program by Apple, designed to catapult emerging tech talent into the forefront of innovation and professional excellence.
- Capitalized on specialized workshops and training, sharpening both technical skills and professional acumen, with a keen focus on emerging trends in software development, system architecture, and design thinking.
- Took initiative to create a Discord community for pathfinders to stay connected and share their experience outside of the program.

MetLife, Inc.   **Virtual**
Global Investment Technology Intern - Team Lead   *Jun 2022 – Aug 2022*
- Led a team of ten interns to perform in-depth research, data analysis, and presentation of findings on Diversity, Equity, Inclusion (DEI), and sustainability initiatives, influencing company policy and practices with our insights.
- Accumulated data using People to Project for different companies and generated reports accordingly.
- Validated recurring budget allocations + dynamically assess total cost of ownership (TCO).

Quality Goods Supply Co. LLC   **San Leandro**
Founder   *Jan 2019– Jan 2021*
- Developed a method for identifying relevant keywords, created individual campaigns, and maintained an average 16% cost of sales (ACOS) for all relevant keywords, outperforming the average ACOS of 30%.
- Designed and created Facebook ads featuring a custom chat flow on the Many Chats Bot platform, resulting in receiving over 700 positive 5-star customer reviews.
- Generated on average $14,000 in monthly revenue on 34% margin.

PROJECTS

Custom FaceBook MarketPlace Scraper
- Developed a custom Python script using Selenium to scrape Title, Price, Location, Make, Model, and year of Vehicles.
- Enhanced data management by storing scraped vehicle information as structured dictionaries, facilitating easier manipulation and analysis.
- Created a CSV export feature to save scraped data in a structured format for further analysis and reporting.

Custom Library Management System
- Developed a web scraping tool using Python and Selenium to extract vehicle listings from Facebook Marketplace.
- Implemented an unordered map in the "Library" class to effectively manage users and book inventory.
- Reached out to local libraries to get insights regarding the current existing system in place.

Global Tech Founders Catalog
- Developed a web application showcasing tech entrepreneurs, actively learning new JavaScript techniques to enhance user experience and functionality.
- Implemented custom search and filtering capabilities, demonstrating a proactive approach in acquiring and applying new coding skills to solve complex problems.
- Created different samples versions of UI using Figma and customized user experience flow.

SKILLS

Programming: C++, C, Java, Python, JavaScript, HTML/CSS, SQL, Swift (iOS), React Native, APIs, Agile
Tools: IntelliJ, Visual Studio, C Lion, PyCharm, Eclipse, Git, Bootstrap, Arduino, Raspberry Pi, Git, Github, Figma
Languages: English, Cantonese, Mandarin