

Aaron Thomas Pham

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EDUCATION

Santa Clara University

September 2020 - Present

• **Bachelor of Science in Engineering (Computer Science and Engineering)** | GPA 3.5 | Expected Graduation Date: June 2024

• **Master of Science in Engineering (Computer Science and Engineering)** | GPA 4.0 | Expected Graduation Date: March 2025

• **Relevant Coursework:** Algorithms, Data Structures, Embedded Systems, Computer Networks, Integrated Circuit Design, Web Information Management, Operating Systems, Advanced Machine Learning, Data Mining, Pattern Analysis, Databases, Compilers, Computer Architecture

• **Honors:** SCU Bronco Merit Scholarship

EXPERIENCE

Reseller, San Jose, CA

February 2020 - Present

- Utilize bot software to purchase limited merchandise using 1000s of tasks and proxies to simulate real people
- Create a reliable source of merchandise for 200 clients per year with consistent returning customers
- Manage supplies to profit as a new small business through calculation and appropriate pricing
- Control inventory for a cost-effective selling point with over \$50,000 gross and \$20,000 profit per year

China Delight, San Jose, CA

June 2020 - Present

Server

- Process more than 100 daily orders, both over the phone and in person, ensuring accurate orders
 - Exercise customer service skills and manage over 400 customers per 4 hours work shift
 - Manage over \$5000 to \$7000 of gross sales per day through precise calculation
 - Achieved the highest tip averages among all servers through great customer service and communication skills
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PROJECTS

RagU LLM

In Progress

- Engineered a ChatGPT-like web interface for intuitive user interactions.
- Developed a Python-based backend for efficient web scraping and data integration
- Implemented real-time aggregation of extensive U.S. restaurant menu data
- Integrated OpenAI API for intelligent processing of menu-related queries
- Enabled dynamic retrieval of nutritional facts and allergy information, enhancing user query responses

Mood Maestro

November 2023

- Designed and implemented the front-end interface using HTML, CSS, and JavaScript
- Implemented backend using Python enabling efficient data processing and machine learning model integration
- Integrated the Spotify API to access user playlists, track information, and authentication
- Utilized machine learning techniques to analyze user song preferences, allowing for creation of tailored playlists

Notes App

December 2022

- Crafted a user-friendly App with HTML, CSS, and JavaScript, focusing on a clean and intuitive design
 - Integrated advanced drag-and-drop features for streamlined note organization and management
 - Developed a prioritization system with "star" and "unstar" functions to highlight key notes
 - Implemented a seamless "delete" feature, enabling efficient management and decluttering of notes
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ACTIVITIES

Boy Scouts of America, San Jose CA

May 2016 - Present

Eagle Scout

- Mentored over 100 scouts of all ages in various skills and activities in their own Eagle Scout journeys
 - Landscaped a non-profit daycare center to improve play areas for low income children
 - Developed communication skills through public speaking during volunteer opportunities and troop meetings
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SKILLS

C, C++, Python, Java, Javascript, React, Assembly, Spreadsheets, SciPy, Scikit, Jupyter Notebooks, Git, SQL, Web Scraping, Machine Learning, API Integration, Data Analysis, Artificial Intelligence, Natural Language Processing