

Jeremy Ha

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EDUCATION

University of California, Davis - College of Engineering

Computer Science, B.S.

GPA: 4.0

Relevant Coursework: Data Structures & Algorithms | Programming & Problem Solving | Object Oriented Programming | Discrete Mathematics | Calculus | Linear Algebra

EXPERIENCE

Dental Equipment Manager

March 2020 - September 2023

Star Dental Group | Pleasanton, CA

- Analyzed data for 100+ dental tools, leading to an optimized inventory management system.
- Prepared dental equipment for patient appointments, maintaining high hygiene and infection control standards.

PROJECTS

BIL

- Developed a virtual assistant using speech recognition technology to execute verbal commands.
- Implemented functions like music playback, real-time date and time retrieval, and web browsing.
- Achieved a 40% enhancement in productivity by eliminating the need for frequent interruptions.

Loyal Listener

- Developed a web application where users can generate a playlist of an artist's entire discography.
- Harnessed the Spotify web API using Python requests to fetch and post pertinent user and artist data.
- Utilized the Flask framework to create the user-friendly interface and functionality of the application.

Aggie Platter

- Developed a program to present nutrition information from UC Davis dining commons menus.
- Leveraged the BeautifulSoup and Requests Python libraries to retrieve up-to-date dining menu data concerning 2,000+ food items.
- Implemented data structures such as hashmaps and arrays for meticulous data collection and analysis.

ACHIEVEMENTS / CERTIFICATIONS

- IBM DevOps and Software Engineering Certificate (2023)
- UC Davis Dean's Honor List (2022 - 2023)

SKILLS

Python | C++ | SQL | Java | Object Oriented Programming | Data Structures and Algorithms | Software Development | Agile | Communication