Alexander A. Chavez

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Education

The College of Wooster   **Expected Graduation: 2025**
B.A in Computer Science   Wooster, OH

❖ Courses*: Multimedia Computing, Imperative Problem Solving, Data Structure and Algorithms, Software Engineering Databases,, Computer Graphics, Algorithm Analysis, Design Patterns, Computer Networking & Communication*

East Hampton High School   ***Sept. 2017- June 2021***
Activities: Robotics Club, Varsity Soccer

Technical Skills

❖ **Programming**: Python, C/C++, Java, SQL, HTML/CSS, Javascript, React, TailwindCSS, Dart
❖ **Tools:** Docker, Android Studio, Flutter, Firebase, Stripe, Github

Projects

Chemical Inventory Flask Web Application | *Python, Flask, MySQL, HTML, CSS, Docker*

❖ Designed and implemented a dynamic web application using Python, MySQL, and Flask.
❖ Developed a RESTful API to handle data retrieval, storage, and manipulation, enabling seamless communication between the frontend and backend.
❖ Implemented CRUD functionalities, allowing users to use operations on data relevant to a chemical stockroom setting
❖ Gained proficiency in database management by creating and maintaining MySQL tables to store project data efficiently.
❖ Configured and deployed a Flask server to host the application, ensuring high availability and accessibility.

Flutter Based App | *Flutter, Dart, Firebase, Stripe*

❖ Engineered a Flutter app using Dart for college students to offer and procure services like tutoring and haircuts, fostering a community-driven marketplace.
❖ Implemented a secure signup and profile setup system, ensuring exclusive access for college students and facilitating a safe, reliable user environment.
❖ Integrated a seamless payment system, enabling students to conduct transactions within the app for services rendered, enhancing user convenience.
❖ Designed a user-friendly interface that allowed students to easily navigate and connect for service exchanges, enhancing user experience and engagement.

Experience

VIN 74 Wines + Spirits | *East Hampton, NY*   **May 2022- Present**

❖ Successfully managed inventory and maintained optimal stock levels on the main floor. Demonstrated expertise in product knowledge, enabling personalized recommendations and assistance in wine selection.
❖ Excelled in handling high-volume transactions during peak times, showcasing strong capability in maintaining composure and efficiency under stress. Additionally, took charge of receiving and organizing incoming deliveries, ensuring the timely and accurate update of inventory records.