Alexander A. Chavez

(631) 603-9007 | alexander.chavez4378@gmail.com | linkedin.com/in/alex-chavez30/ | github.com/alexchavez01

Education

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

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

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

Technical Skills

- ❖ **Programming**: Python, C#/C++, Java, SQL, HTML/CSS, Javascript, Typescript, React, TailwindCSS, Dart, Go
- ❖ **Tools:** Unity, Flutter, Docker, Firebase, Stripe, Git, Android Studio, Nodejs

Projects

Yupa | *Flutter, Dart, Firebase, Stripe*

- ❖ As part of a team of five, we built a mobile app enabling students to offer and request services within a college community. Integrated Firebase for authentication and secure transactions with Stripe API, and designed a user-friendly interface for seamless service exchanges. The app is currently live on the App Store (Yupa - The Student Marketplace).

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

- ❖ Developed a dynamic web app for managing chemical stockroom data with CRUD operations, and created a RESTful API for efficient data handling between the frontend and backend. Managed MySQL databases for inventory storage and deployed the app using Flask.

My Portfolio Website | Next.js, TailwindCSS, GitHub Pages | https://alexchavez01.github.io/portfolio/

- ❖ Built a personal portfolio website using Next.js with server-side rendering and dynamic routing for enhanced performance, and designed a responsive, modern user interface using TailwindCSS for cross-device compatibility. Implemented smooth CSS and third-party animations to boost user engagement, and deployed the site via GitHub Pages with static site generation for fast load times and efficient hosting..

Dino Game | Python, Pygame

- ❖ I created a replica of Google's offline Dino game using Pygame, replicating its mechanics and visuals for a fun

Flappy Bird | Python, Pygame

- ❖ I developed a Flappy Bird replica using Pygame, recreating the game's mechanics and design for an engaging and challenging experience.

Experience

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

- ❖ Managed inventory and optimized stock levels while handling high-volume transactions and providing personalized customer recommendations, demonstrating attention to detail, efficiency, and strong communication skills.