Charles (Chuck) Milton

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EDUCATION

California State University, Long Beach | **Long Beach, CA**

Major: Computer Science | **B.S. Computer Science**

GPA: 3.4/4.0   **Projected Graduation: May 2026**

Relevant Coursework: Introduction to Computer Science-Java, Data Structures, Digital Logic and Assembly Programming, Object Oriented Application Development, Discrete Structures with Computing Applications, Computer Architecture and Organization

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, C++, C#, HTML, CSS
Frameworks/Libraries: Tailwind, React, Next.js, Node.js, Express.js, EJS, Flask, jQuery
Operating Systems: Windows XP/Vista/7/8/10 and Mac OS X

PROJECTS

Lingo AI | **Hackathon AI Project**   **June 2024**
- Developed an AI-powered language trainer to help non-native English speakers improve their language skills using **Hume AI** for emotion analysis and **OpenAI API**s for real-time feedback on grammar and pronunciation.
- Implemented a robust tech stack including **Next.js** for server-rendered **React**, **Flask** for backend services, **Tailwind CSS** for styling, and **Firebase** for backend services, ensuring a seamless and responsive user experience.

Automatic Schedule Generator | **Personal Project**   **October 2023**
- Implemented **BeautifulSoup** for data extraction from CSULB's course catalog webpage. Utilized **Python's SQLite** to create a structured database housing course details.
- Empowered users to generate conflict-free course schedules in the terminal, offering detailed insights into course types, schedules, locations, and instructors.

Tech News Blog | **Personal Project**   **August 2024**
- Developed a blog application to serve the CSULB community, using **Node.js**, **Express.js**, **EJS**, and **CSS** for styling.
- Implemented features allowing users to create, edit, and delete posts with password protection and explore categorized content by subjects.

EXPERIENCE

Association for Computing Machinery   **August 2024**
Role: Web Developer
- Responsible for the development and management of ACM's websites, including the promotion of CSULB's BeachHacks.
- Design and implement user-friendly features such as event sign-up forms, ensuring an engaging digital experience for ACM members and event participants.