

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

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, C++, C#, PHP, HTML/CSS

Frameworks/Libraries: React.js, Next.js, Flask, Node.js, Express.js, EJS, jQuery, TensorFlow, scikit-learn

Operating Systems: Windows XP/Vista/7/8/10 and Mac OS X

EXPERIENCE

Association for Computing Machinery

August 2024 - Present

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.

XR Engineering Operations Club

September 2023 - Present

Role: Webmaster

- Overhauled the club's website to enhance functionality, providing a clear and engaging platform for members to access information on projects, events, and resources.
- Implemented features such as an officer directory and streamlined communication tools, improving member interaction and accessibility to club updates.

PROJECTS

XR Engineering Club's Official Website | Club Website Project (Next.js, Tailwind)

September 2024

- Constructed a responsive and user-friendly platform using **Next.js** and **Tailwind**, providing real-time updates on the club's mission, officers, and events for over **100** members.
- The site highlights ongoing and completed XR-related projects, promoting collaboration opportunities within the club and the broader tech community at CSULB.

Lingo AI | Hackathon AI Project (Flask, Next.js, Firebase, OpenAI API, Hume AI API)

June 2024

- Developed an AI language trainer to help non-native English speakers improve their language skills using **Hume AI** for emotion analysis and **OpenAI APIs** for real-time feedback in over **50** languages 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.

Tech News Blog | Personal Project (Node.js, Express.js, EJS)

August 2024

- Designed a blog application to serve the CSULB community, using **Node.js**, **Express.js**, and **EJS**.
- Implemented features allowing users to create, edit, and delete posts with password protection and explore categorized content by subjects.