

Charles (Chuck) Milton

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EDUCATION

California State University, Long Beach | Long Beach, CA

Major: Computer Science | B.S. Computer Science

Expected Graduation: May 2026

Relevant Coursework: Data Structures, Algorithms, Object-Oriented Application Development, Software Engineering, Calculus III, Linear Algebra, Probability & Statistics, Discrete Structures

TECHNICAL SKILLS

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

Frameworks: React.js, Next.js, Flask, Node.js, Express.js, Tailwind CSS

Databases: MongoDB, PostgreSQL, MySQL

Machine Learning & AI: TensorFlow, scikit-learn, pandas

EXPERIENCE

DreamWay Media

September 2024 - Present

Role: Web Application Development Intern

- Assist in building and maintaining e-commerce dynamic websites using **PHP**, **React**, and modern web technologies, contributing to **e-commerce** platforms and optimizing for speed, **SEO**, and user experience.

Association for Computing Machinery

August 2024 - Present

Role: Web Developer

- Develop and manage ACM's websites, including promoting **CSULB's BeachHacks** and designing user-friendly features for event sign-ups to enhance engagement.

XR Engineering Club

September 2023 - Present

Role: Web Developer (Former Project Lead)

- Overhauled the club's website and led a team to develop a **cooking simulator game**, focusing on functionality and key gameplay features like recipe management and scoring.

PROJECTS

Rate My CSULB Professors | Chrome Extension (*HTML, CSS, JavaScript*)

December 2024

- Developed a Chrome extension that integrates professor ratings into CSULB's course registration platforms, empowering students to make informed decisions.
- Optimized real-time API calls with a **200-entry local cache** and implemented server-side caching to **reduce request latency by up to 50%**.

[XR Engineering Club's Official Website](#) | Club Website Project (*Next.js, Node.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, projects, and events for **100+** members.

[Lingo AI](#) | Hackathon AI Project (*Flask, Next.js, Node.js, Express.js*)

June 2024

- Developed an AI language trainer using **Flask**, **Next.js**, and **OpenAI APIs**, improving real-time grammar feedback accuracy for **50+ languages**.
- Leveraged **Hume AI** for emotion analysis to enhance user engagement and learning efficiency.

CERTIFICATIONS

Machine Learning Specialization | DeepLearning.AI, Stanford University

Issued: October 2024

- Gained proficiency in machine learning techniques, including supervised and unsupervised learning, deep learning, and neural networks. Utilized tools like **TensorFlow**, **scikit-learn**, and **pandas** for model implementation.