

Charles Milton

charlesmiltoncs@gmail.com

[linkedin.com/in/charles-milton-0b679427b](https://www.linkedin.com/in/charles-milton-0b679427b) • github.com/chuckmilton • <https://chuckmilton.com>

EDUCATION

California State University, Long Beach | Long Beach, CA

Major: Computer Science | GPA: 3.4

Expected Graduation: May 2026

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

EXPERIENCE

DreamWay Media

September 2024 - December 2024

Role: Web Application Development Intern

- Assisted 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 (Prev. 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

[ACM at CSULB](#) | Club Website (*Next.js, React, Node.js, MongoDB, Tailwind CSS*)

January 2025

- Developed a dynamic and responsive website for ACM at CSULB using **Next.js**, **React**, **Tailwind CSS**, and **MongoDB**, featuring a **custom CMS** that enables officers to perform real-time **CRUD operations** on **profiles**, **events**, and **blog posts**, effectively serving over **200 members**.

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

December 2024

- Engineered a Chrome extension that **integrates professor ratings into CSULB's course registration platforms**, **gaining 100+ users within 6 days of launch** by solving a key student pain point.
- Implemented **GraphQL APIs** and a **200-entry LRU caching system**, reducing query latency by **up to 50%** and enhancing real-time data retrieval.

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

June 2024

- Built an AI-powered language trainer integrating **Flask**, **Next.js**, and **OpenAI APIs** to deliver real-time grammar feedback for 50+ languages, while leveraging **Hume AI** for emotion analysis to boost user engagement and learning.

TECHNICAL SKILLS

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

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

Databases: MongoDB, PostgreSQL, MySQL

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

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.