

DARREN J. CRUZ

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EDUCATION

CALIFORNIA STATE UNIVERSITY, FULLERTON, FULLERTON, CA

Bachelors of Science: Computer Science

Major: Computer Science

January 2022 – May 2024

RELATED COURSES

- CPSC 491 – Senior Capstone Project
- CPSC 362 – Foundations of Software Engineering
- CPSC 481 – Artificial Intelligence

TECHNICAL SKILLS

- **Languages:** Python, C++, JavaScript, Swift
- **Frontend Tech:** HTML, CSS, React
- **Backend Tech:** Node.js
- **Database Management:** MySQL
- **Tools:** Git, Github Desktop, Microsoft Office, Linux

COURSE PROJECTS

RECIPE FINDERS

Recipe Finding Web Application

CPSC 491 – Senior Capstone Project

- Technologies: HTML, CSS, Javascript, React, Node.js, Figma
- Conceptualized and developed a web application that recommends recipes based on given ingredients.
- Learned how to implement an API (spoonacular).

TITAN RADIO SHOP

E-Commerce Store

CPSC 362 – Foundations of Software Engineering

- Technologies: HTML, CSS, Javascript, React, Node.js, Figma
- Conceptualized and developed an immersive e-commerce platform featuring clothing and accessories.
- Leveraged Agile Scrum methodology for effective project management.
- Designed the front-end using Figma.
- Learned how to implement React into a web application.

MOVIE RECOMMENDER

Content-Based Recommender System

CPSC 481 – Artificial Intelligence

- Technologies: HTML, CSS, Javascript, Python, MovieLens API, TMDB API
- Developed a recommendation system that recommends similar movies based on movie entered.
- Implemented a K-Nearest Neighbor Algorithm to recommend movies.

WORK EXPERIENCE

BRAINSTORM STEM EDUCATION, IRVINE, CA

Graphics Designer / STEM Instructor

August 2018 – March 2020

- Designed ads tailored different social media platforms.
- Managed classroom supplies for instructors.
- Instructed 6 middle school classes of 30 students each as an IPSF staff member.
- Taught students how to code in Python, develop their own AI, and create games in unity.