

# Jose Diaz

 San Bernardino



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## Education

### California State University, Fullerton

#### B.S. in Computer Science

Fullerton, CA  
Fall 2022 - Spring 2025

- Technical coursework:
- CPSC 121 (Object Oriented Programming)
- CPSC 351 (Operating System Concepts)
- CPSC 362 (Foundations of Software Engineering)
- CPSC 253 (Cyber Security Fundamentals and Principles)
- CPSC 315 (Professional Ethics in Computing)
- CPSC 323 (Compilers and Languages)
- CPSC 332 (File Structures and Database Systems)
- CPSC 335 (Algorithm Engineering)
- CPSC 440 (Computer System Architecture)
- CPSC 490 (Undergraduate Seminar in Computer Science)
- CPSC 449 (Web Back-End Engineering)
- CPSC 471 (Computer Communications)
- CPSC 481 (Artificial Intelligence)
- CPSC 491 (Senior Capstone Project)
- CPSC 386 (Intro to Game Design and Production) IP
- CPSC 411A (Mobile Device Application Programming for Android) IP
- CPSC 349 (Web Front-End Engineering) IP
- GPA: 3.070

## Projects

### TextBookTrade

Fall 2024

A web application designed to facilitate textbook trading among students. Built using Flask and MySQL, it enables users to create, edit, and manage textbook listings with images and descriptions.

- Frontend: HTML, CSS, JavaScript (with Bootstrap for styling)
- Backend: Flask (Python), MySQL, Flask-Mail for email functionality.
- User Authentication: Secure login using JWT tokens stored in cookies.
- Listings Management: Users can add, edit, and delete listings with textbook descriptions and images.
- Messaging System: Logged-in users can send and receive messages regarding listings.
- Profile Page: Displays user listings and received messages.
- Image Handling: Supports multiple images per textbook, stored as binary data in the database.

### United Nation Database

Spring 2024

- Use MySQL for database.
- Create a database using real world data.
- Create tables for the data.
- Designed an ER diagram and Physical Model with all the primary keys, foreign keys, relationships and any integrity constraints.
- Create basic queries, join queries, and subqueries.

- Analyze the data and write a report

## **Tuffle: A Wordle recreation**

Fall 202

- Utilized classes, object-oriented programming, conditionals, and loops to recreate the game Wordle
- Designed and implemented the backend API to respond to user input on a webpage

## **Group Project: Building eBay style store for CSUF Students called**

Fall 202

### **Tuffybay**

- Utilized technical and non-technical tools that comprise Software Engineering such as Using the Computer-Aided Software Engineering (CASE).
- Designed and developed a website using HTML with PHP and CSS
- Create a database to hold products images, prices, stock number, address, phone numbers, and passwords.

## **Experience**

### **Amazon Fulfillment Center**

San Bernardino, CA

#### **FC Associate I**

July 2023– Present

- Load boxes into trucks for shipment.
- Use scanners to read bar codes on products.
- Receive boxes from inbound. Then moved them the staging area.

### **CTDI**

Rialto, CA

#### **Material Handler**

Jan 2022 - Aug 2022

- Order picker
- Operate 2 different box machine.
- Feeding Phones to the Arm machine for shipping

### **Home Chef**

San Bernardino, CA

#### **Production Associate**

Aug 2019 – Mar 2021

- Label packages
- Portion ingredients
- Meal bagging for retail and customer orders
- Packing ice for orders ready to ship
- Closing boxes and taped them up.

### **Target**

San Bernardino, CA

#### **Inbound Team**

June 2017 - Aug 2019

- Stocking
- Cleaning
- Helping customers
- Unloading trucks
- Using Zebra device to backstock, pull, or located products.

## **Skills**

- Tech Skills: Windows systems, Linux, C++ and intermediate in Java and Python, Flask, MySQL, and CSS.
- Soft Skill: Problem-solving, teamwork, adaptability, communication.
- Languages: Spanish and English