

## Aidan Mara

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Objective: Experienced computer science graduate with a strong foundation in object-oriented programming languages, algorithms, and software development principles and styles. Seeking a position in software development that challenges me and allows me to grow as a developer. I hope to contribute to the development of innovative solutions and technologies.

Education: Bachelor of Science in Computer Science California State University Long Beach  
Long Beach, California Spring 2024

- Cumulative GPA of 3.63

Relevant Coursework:

- Data Structures and Algorithms
- Software Engineering
- Database Systems
- Operating Systems
- Object-Oriented Programming
- Mobile Development
- Introductory Machine Learning
- Computer Science Theory

Experience:

Dishwasher at Camarillo Cupcake

- May 2019-August 2023
- Worked mainly as a dishwasher at the bakery.
- Regular shifts would include washing 2 large groups of dishes a day, re-stocking inventory, lifting heavy deliveries, food preparation, making frosting, cleaning the bakery, and closing the store. Occasionally shifts would include delivery, problem-solving, working with tools to repair items, and more.

### Projects:

1. Planning and Calendar Android App
  - Mobile application developed in Kotlin using android studio.
    1. Reliably create, read, update, and delete events and categories.
  - Implementation of relational databases using the room persistent database library.
2. 2d Isometric Tower Defense Game
  - Lead solo programmer for a tower defense game in unity using C# from scratch.
  - Worked with a team of artists and designers to create a visually appealing game.
  - Developed all game systems, UI/UX, and animations for the game.
3. 2018 Hackathon by The Sea Winner
  - In a group of 4, we created a 3-dimensional fighting game in the Unity game engine.
  - Our group's project won a category at the end of the event.
4. Hangout Location Recommender AI Web Application – (In Progress)
  - With a group of four programmers, we are working to create an AI recommendation web application that delivers recommendations with our own chatbot.
  - I am working on the backend side of the project creating and training our AI model, gathering, and storing data in databases, user registration and authentication, and more.
  - I also plan to help with the front-end interface and design when needed by my team.