

# Aidan Murphy

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## Career Statement

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Aspire to develop innovative and engaging programs that enhance people's daily lives.

## EDUCATION

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### University of California San Diego

Bachelor of Science in Computer Science

Major in Computer Science

Cumulative GPA: 3.16/4.0

Relevant Coursework: Software Engineering; Data Structures; Algorithms; Artificial Intelligence (ML)

La Jolla, CA

Expected June 2026

### MiraCosta College

Associates in Computer Science and Liberal Arts: Math and Sciences

Cumulative GPA: 3.96/4.0; President's List 2021-2024

Oceanside, CA

## WORK EXPERIENCE

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### Northrop Grumman

Engineering Intern

- Collaborated with manager for an ideal product

- Turned paper forms into digital tool

- Built and designed UI using the customtkinter package

- Handled reading and writing of user entered data to a flatfile database

Rancho Bernardo, CA

Oct 2022 – Jan 2023; Sep 2023 – Nov 2023

### Jersey Mike's Subs

Customer Service Member

- Cashiering and customer service duties

- Responsible for proper cooking instructions, safety procedures, and sanitary requirements

Oceanside, CA

May 2020 – Sep 2022

## PROJECTS

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### Fitness App (HTML, CSS, JavaScript)

- Collaborated with 10 classmates using the Agile methodology

- Aided in the development of our CI/CD pipeline on GitHub; Unit and E2E Testing

- Wrote in JavaScript for intractability between the user and workout cards

- Created a frontpage carousel which rotates through all workout images

### Stock Photo Website (HTML, CSS, JavaScript)

- Designed and built an interactive landing page

- Allowed users to download and upload photos of their own in real time

- Tied frontend and backend together with Nodejs

### Virtual Reality Roller Coaster Exhibit (Oculus Go, Unity Game Engine, C#)

- Built multiple maps with a custom roller coaster experience

- Rigged camera controls to the moving cart and aided in development of physics

- Integrated Oculus Go controls using the Oculus SDK

- Displayed to attendees at the Fleet Science Center in San Diego

## ADDITIONAL

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**BASTA G-SWEP Mentorship:** Completed mentorship with a Google SWE through the Basta Program

**Technical Skills:** Experience with Java, C, C++, C#, Python, SQLite, JavaScript, HTML, CSS, Git, Agile

**Security Clearance:** Previously held Secret-Level Clearance