

Aidan Murphy

Oceanside, CA, USA | P: +1 7605187655 | aidan.d.murphy.personal@gmail.com

Career Statement

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

EDUCATION

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

Oceanside, CA

Associates in Computer Science and Liberal Arts: Math and Sciences

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

WORK EXPERIENCE

Northrop Grumman

Rancho Bernardo, CA

Engineering Intern

Oct 2022 – Jan 2023; Sep 2023 – Nov 2023

- 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

Jersey Mike's Subs

Oceanside, CA

Customer Service Member

May 2020 – Sep 2022

- Cashiering and customer service duties

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

PROJECTS

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

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