

Connor Buckley

(757) 472-8094 | connorbuckley144@gmail.com | github.com/connorb0531

EDUCATION

San Diego Mesa College, San Diego, CA

Expected June 2025

Associate's Degree: Independent Major: Computer Science

Coronado High School, Coronado, CA

Awards: Islander's Foundation Top Athlete 2022

EXPERIENCE

San Diego Computer Science Club, Miramar Mesa

Club Member

Jan 2022 - Present

- Participated in and helped organize workshops on machine learning, cloud computing, and blockchain
- Networked with industry professionals and attended tech conferences to explore career paths
- Mentored peers in coding, project development, and computer science fundamentals

Hotel Del Coronado, Coronado, CA

Beach Attendant

March 2022 - Present

- Managed rentals of beach furniture, which resulted in successful upselling of services to hotel guests

Boney's Bayside Market, Coronado, CA

Deli

July 2021 - November 2021

- Prepared, assembled, and packaged food goods. Fast-paced, team-orientated environment meeting high-demand customer expectations

HackPrinceton, Princeton, NJ

Participate

Fall 2023

- Developed a full-stack web application enabling users to rent out parking spaces, similar to Airbnb but for parking
- Frontend using Javascript, HTML/CSS. Backend using Java Spring Framework and PostgreSQL to manage user listings, bookings, and authentication.

PROJECTS

Fitbit Lock *Python, Raspberry Pi, Fit API*

- Allows users to unlock solenoid lock upon meeting fitness goals (e.g., distance, steps, calories) on Fitbit device. Integrated Fitbit's API with a physical lock system connected via a relay terminal from Raspberry PI. Retrieved activity data via API requests.

N-Body Problem

- Integration methods like Euler's and Runge-Kutta (RK4) approximate changes in orbital bodies' kinematics relative to the gravitational forces on each other. Data visualization of bodies' orbital trajectories

Discord Chess Bot *Python, discord.py (Discord API)*

- Interactive Discord bot that allows users to play chess games against an engine and solve chess puzzles directly within Discord text channels

CS Club Discord Bot *Java, SpringJPA, Discord4J (Discord API)*

- Manages and automates club tasks such as meeting creation & reminders, roll calls, role enforcement, nominations, elections, and general poll taking.

TECHNICAL SKILLS

Languages: Java, Python, PostgreSQL, Javascript, HTML/CSS,

Frameworks & Libraries: React, Spring Boot, Node.js, Express.js, MongoDB, Matplotlib, NumPy

Dev Tools: Git (Bash), Visual Studio Code, PyCharm, IntelliJ, Eclipse