

# Sean Brandon

**Email:** seanbrandon333@gmail.com  
**Phone:** (303) 715 - 8478  
**Linkedin:** www.linkedin.com/in/sean-brandn-6b8662202  
**Portfolio:** https://sean-pb.github.io/

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## Education

- ❖ **Oregon State University:** B.S. **Computer Science**, Minor in **Business**
  - GPA: **3.77** (Dean's Honor Roll)

## Technical Skills

- ❖ **Programming Languages**
  - **Python** (fluent), **C**, **C++**, **Java** (proficient), **JavaScript** (prior experience)
- ❖ **Software**
  - **Android Studio**, **Git**, **Linux**, **MongoDB**

## Project Experience - All viewable in my portfolio

- ❖ **Mobile Application - Movie Catalog**
  - Utilized **Android Studio** and **Java** to construct a mobile application allowing a user to catalog, rate, search, and filter through movies they've seen or want to see in dynamic lists. Each list has its own unique page and "add movie" pages.
- ❖ **Mobile Application - Duel**
  - Implemented **Godot** to create multiple mobile applications published on the Google Play Store. The most popular, "Duel" has had roughly 600 lifetime downloads, and uses an AI controlled non-player opponent.
- ❖ **Full Stack MERN Web Application**
  - Deployed **JavaScript**, **CSS**, **React**, a **REST API**, and **MongoDB** to generate a single page web app which allows the user to catalog exercises (name, reps, weight etc.)
- ❖ **Blackjack Decision App**
  - Applied **Agile**, **Test Driven Development** and **Microservice Architecture** to develop software that determines the best decision in Blackjack depending on user input. A teammate contributed an image path finding service.

## Work Experience

- ❖ **California WaterSports** — Manager Jul. 2016 - Aug. 2019
  - **Supervised** a team of 10 employees using **administrative** and **teamwork** skills to run and improve daily operations while also ensuring customer satisfaction.
- ❖ **Camp Conrad Chinnock** — Volunteer Camp Counselor Jul. 2018 - Aug. 2022
  - Leveraged **problem resolution** and **leadership** skills to mentor a cabin of type 1 diabetic children at a two week overnight summer camp.

## Extracurricular Activities

- ❖ Competed on a team in EcoHacks 2022 **Hackathon**.
- ❖ Member of MiraCosta CC **Computer Science Club** and **OSU Hackathon Club**.