Sean Brandon

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Portfolio: https://sean-pb.github.io/

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Education

❖ Oregon State University   Expected June 2024
  ➢ B.S. **Computer Science**, Minor in **Business**
  ➢ GPA: **3.77** (Dean's Honor Roll)

Technical Skills

❖ Programming Languages
  ➢ **Python** (fluent), **C**, **C++**, **Java**, **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
  ➢ Used **Godot** to create multiple mobile applications published on the Google Play Store. The most popular, "Duel", has had over 600 lifetime downloads, and uses an AI controlled non-player opponent.
❖ 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.
❖ Full Stack MERN Web Application
  ➢ Deployed **JavaScript**, **CSS**, **React**, a **REST API**, and **MongoDB** to generate a single page web app allowing a user to catalog exercises (name, reps, weight etc.)

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 teams in **Hackathons**: EcoHacks and BeaverHacks (2nd place).
❖ Member of MiraCosta CC **Computer Science Club** and **OSU Hackathon Club**.
❖ Engaged in JP Morgan Chase's **Software Engineering Virtual Experience** Program.