

# JAKE GEHRKE

Corvallis, Oregon

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## EDUCATION

### Oregon State University

Computer Science Major, General Business Minor - **3.79**

**Expected Spring 2024**

Corvallis, Oregon

## PROJECTS

### Golf Drill Challenge (Senior Capstone) | React Native, Figma, Google Firebase

**Current**

- Collaborated with OSU men's golf team to develop a custom training application.
- Developed high-fidelity interactive mockups that effectively translated design concepts into user-friendly interfaces, ensuring a seamless and intuitive user experience.
- Acted as the Scrum Master, facilitating weekly stand-ups, and retrospectives to ensure effective communication and collaboration among team members.

### Fight The Night | Unity, C#

**08 2023**

- Spearheaded the development of "Fight the Night," a 2D pixel art action-platformer for a themed game jam centered around "Cycles."
- Managed tight timelines, showcasing adaptability and efficiency in delivering a polished game experience within the constraints of the game jam.

### Weather Web Application | React, Emotion

**02 2023**

- Developed a responsive weather application using React, incorporating Emotion for efficient and scalable styling.
- Successfully integrated the OpenWeather API into the weather application, retrieving and parsing real-time weather data for user-specified cities.

## Professional Experience

### Associated Students of Oregon State University

**08 2023 – Current**

Website and Media Development Coordinator

Corvallis, Oregon

- Oversaw the migration and maintenance of the ASOSU website from Drupal 7 to Drupal 10, ensuring a user-friendly and up-to-date online presence.
- Implemented improvements to the website's design and functionality to enhance user experience and accessibility.
- Committees served on: HEAT (Higher Education Artificial Intelligence Taskforce), Welcome Week Committee, Elections Committee, Marketing Team Search Committee

### Oregon State University - MIME IT

**09 2019 – 04 2020**

Student Technician

Corvallis, Oregon

- Tracking and coordinating work using a ticketing system.
- Managing equipment lifecycle.
- Staff, faculty, and student technical support.

## TECHNICAL SKILLS

**Languages:** Python, C, C++, C#, HTML, JavaScript, CSS, Kotlin, Haskell, SQL, PHP

**Developer Tools:** VS Code, Android Studio, Figma, Github Projects, Trello

**Technologies/Frameworks:** Git, GitHub, NodeJS, React, Git, Redux, Unity, Jest

## COURSEWORK

- |                        |                               |                         |                    |
|------------------------|-------------------------------|-------------------------|--------------------|
| • Mobile App Dev.      | • Analysis of Algorithms      | • Data Structures       | • Accounting       |
| • Advanced Web Dev.    | • Operating Systems           | • Computer Architecture | • Marketing        |
| • Software Engineering | • Database Management Systems | • Networks              | • Entrepreneurship |

## Leadership Experience

### Oregon State University Club Baseball

**06 2022 – Present**

President

Corvallis, OR

- Lead, Delegate, and Manage all internal affairs to ensure the organization sees constant growth.
- Communicate and Coordinate with external entities to plan a 19 game season.