

# Jalen Lum

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*Diligent student studying computer science, aspiring to improve software engineering skills by applying them and learning from experienced professionals.*

## EXPERIENCE

### College of Natural Sciences

Administrative Assistant

Honolulu, HI

March 2023 – Present

Microsoft Office

- Proofread curriculum requests and course changes for the College of Natural Sciences
- Proficiently manage and update a website, ensuring up-to-date schedules, announcements, and relevant content.
- Responded to emails, addressed inquiries, and maintained clear and organized communication
- Created tables, charts, and graphs to analyze data effectively using Microsoft Excel

## EXTRACURRICULAR

### Robotic Space Exploration (RoSE)

Frontend Developer

Honolulu, HI

September 2023 – Present

React, Bootstrap, Node.js, Express.js, Jira, GitHub

- Restructured the rover's control user interface to maximize user experience and increase efficiency
- Utilized GitHub for efficient version control and repository management
- Used Jira for streamlined project tracking and issue management

## PROJECTS

### Personal Portfolio Website

September 2023

A comprehensive showcase of all my accomplishments on a frontend website

React, Bootstrap, GitHub

- Utilized reusable React components and Bootstrap styling to create a simple, modern website
- Plans to implement an administrator portal, using Express.js to update portfolio information

### Strength Calculator

November 2023 - Present

A strength calculation tool for powerlifters to utilize

React, Bootstrap, GitHub

- Integrated React hooks for dynamic input handling, allowing users to see instant calculations as they input data
- Applied Bootstrap for sleek and visually appealing styling, ensuring a polished and user-friendly interface

## EDUCATION

### University of Hawai'i at Mānoa

Honolulu, HI

B.S., Computer Science

Expected Fall 2025

- Current GPA: 3.65
- Relevant Courses: Intro to Computer Science II, Discrete Mathematics I & II, Program Structure, Software Engineering, Algorithms and Data Structures

## SKILLS

**Languages:** Java, HTML/CSS, JavaScript, C++, Python

**Frameworks/Technology:** React, Bootstrap 5, Node.js (basic), Express.js (basic), Django (basic)

**Development/Version Control:** VS Code, Eclipse IDE, Git, Github, Jira

**Production/Deployment:** Netlify