

# JORDAN NG

Bachelor of Science: Computer Science

Concentration: Computer Systems

Objective: Seeking employment or internship opportunities in a professional setting where I can improve upon my skills gained in college and contribute to meaningful software.



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## EDUCATION

### Bachelor of Science - Computer Science Oregon State University

Graduated 6/13/2020

Relevant Coursework:

- Operating Systems I & II
- Analysis of Algorithms
- Data Structures
- Programming Language Fundamentals
- Computer Architecture
- Translators
- Software Engineering I & II
- Intro to Artificial Intelligence
- Mobile Software Development
- Intro to Databases
- Intro to Usability Engineering
- Web Development

### 'Iolani High School

Graduated in 2015

## RECENT PROJECTS

### Othello AI using MINIMAX

Artificial Intelligence Project - C++

5/2020

Description:

A simplified version of the classic Othello board game which utilizes the MINIMAX algorithm to play optimally against a human.

### Wireless Heatmap of Oregon State University

Senior Capstone Project - Django/Maps Javascript API

9/25/19 - 6/12/2020

Description:

Worked in a group of three to develop a web application designed to visually represent relevant data in the form of a heatmap. Each building has its own corresponding heat signature that is updated in real time to represent the corresponding statistic.

### Yelp API Based Mobile Application

Android Project - Android Studio/Java

3/2020

Description:

A fun mobile application on Android meant to aid people who are unable to decide where to eat for their next meal.

## WORK EXPERIENCE

### Volunteer IT Support

Hōkūlani Elementary School

7/2020- Current

Description:

Refurbished broken Chromebook laptops, wiped and setup Macintosh computers for teacher use.

### Undergraduate Physics Teaching Assistant

Oregon State University

9/2018 - 6/2019

Description:

Prepared for lectures by reviewing the course material and working through problems so that I would be able to answer all questions while facilitating meaningful discussions amongst students.

Hosted and oversaw office hours for students who wished to collaborate on difficult assignments, emphasizing the importance of communication and teamwork.

## LANGUAGES

My preferred programming languages are C and C++. I have some experience using Python and Java, and I am familiar with SQL and web development languages.



## TECHNOLOGIES & CONCEPTS

Git GDB Bash Android Studio

Assembly Language Django Yelp Fusion

Object Oriented Programming Graph Theory

Adobe Illustrator Maps Javascript API