

Jaden Nguyen

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EDUCATION

Oregon State University

Bachelor of Science – Computer Science

Expected Conferral June 2023

SKILLS

Languages: Java, Python, JavaScript, Kotlin

Programming: Data Structures, Algorithms, Object-Oriented Programming, Web Development

PROJECTS

Personal Website

March 2022

- Currently work in progress. Designed a website that acts as my portfolio completely from scratch (HTML, CSS, JavaScript).

Python Calculator Python

Dec 2021

- Built core functionality of an application that uses all the operations needed to resemble a simple scientific calculator
- Implemented and optimized user interface with Python's Tkinter

Rock Paper Scissors JavaScript

April 2022

- This program allows the user to play against an AI in a game of 'Rock Paper Scissors'. The AI's choices are random and the outcome of the game is based on the choices of the user.
- Implemented user-friendly buttons and displays that are easy to read
- Created multiple functions to keep track of variables (player score, computer score, etc)

Pong Java

Feb 2022

- This game resembles the popular tennis-like *Pong* where it has two paddles and a ball that bounce off each other.
- Built a working program that integrates various Java classes (Graphics2D, swing, awt, etc.) as well as incorporates basic physics concepts like directional velocity.
- Completely done but still needs to be improved with angular physics collision.

Weather Application JavaScript

March 2022

- Developed a weather application that takes in concurrent data of any city in the world from an open API source.
- The application displays temperature, wind speed, humidity, as well as a background image relating to the city, each time the user inputs a city name.

April 2022

Lunar Kotlin

- Working on an android mobile application that is focused on providing mental health education and advice.
 - Continuously learning and implementing new technologies to make the interface more user-friendly and accessible.
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