

Jonathan Ha

OBJECTIVE:

To apply and hone the skills I have, as well as to familiarize how they are used in practice. Seeking an internship for Summer 2023, to collaborate with colleagues with experience outside my own.

 **Seattle, WA**
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 **johnha12.github.io/johnha/**

LANGUAGES AND SOFTWARE

C
Java
Python
Javascript
HTML and CSS
React

EDUCATION

Oregon State University, Bachelor of Science, Computer Science

March 2022 - Expected June, 2024

- **Data Analysis and Algorithms:**
Examined Abstract Data Types, Storage Management, and Complexity of various Data Structures
- **Web Development:**
Development of modern web application using technologies such as HTML, CSS, JavaScript, React, Node.js, Express and MongoDB
- **Exercise Tracker (Web Application):**
Created a full-stack web application to create, edit, and delete exercises. MongoDB is used for the database. React is used to display exercises and communicate between browsers. Node and Express are used in the backend API

University of Washington, Bachelor of Science, Civil and Environmental Engineering

September, 2014 - June, 2018

- Received Engineering in Training license from The National Council of Examiners for Engineering and Surveying

PERSONAL PROJECTS

Blackjack - Python Program

Created a simplified game of Blackjack (only 'hit' or 'stay'). My first self-taught project working with programming fundamentals.

- Used inheritance and object oriented programming to quickly and efficiently create a deck of 52 cards/4 sets of suits
- Used hashmap to track remaining cards in the deck
- Other fundamentals to run game; if statements, input(), while loops, etc

WORK EXPERIENCE

KBA Inc.: Office Engineer 1 (Construction Management)

October 2018 - March 2021

- Delridge Way SW - RapidRide H Line: June 2020 - March 2021
- Green Lake and Wallingford Paving & Multi-Modal Improvements: October 2018 - June 2020