

Justin Lee

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SOFTWARE ENGINEER

Java | Python | C | HTML 5 | CSS

EDUCATION

Bachelor of Science (BS) in Computer Science, Virginia Polytechnic Institute and State University, Blacksburg, VA

Graduated: May 2023, Cum Laude. GPA: 3.51/4.00 Cumulative

Relevant Coursework: Data Structures and Algorithms, Software Design and Data Structures, Intro Discrete Math, Intro to Problem Solving in CS, Intro to Computer Organization, Human-Computer Interaction, Intro to GUI Programming/Graphics

Minor in Music Technology and Human-Computer Interaction

TECHNICAL EXPERTISE

Programming: Java, Python, C, HTML 5, CSS

Technical Skills: Linux, Technical Writing, Public Speaking, Discrete Mathematics, MS Office, Git Bash

Soft Skills: Problem Solving, Communication, Listening, Writing, Team Collaboration, Adaptability

RELEVANT EXPERIENCE

Personal Projects

Portfolio Website (justinklee.com)

- Developed a personal website using HTML 5 and CSS that showcased skills, courses, and contact information
- Incorporated Git Pages to host the website

Discord Bot

April 2021

- Created a basic Discord bot using Python which could handle events and accept commands
- Incorporated Discord's API Python library of discord.py

Data Structures and Algorithms

Fall 2021

Java Based Projects

- Worked on various Java projects that utilized different components of computer science
- An example includes a database on rectangles that utilizes the Skip List and PR Quadtree

WORK EXPERIENCE

U.S. Department of Transportation, Washington, D.C.

June 2022 - August 2022

Maritime Administration Intern

- Utilized Microsoft Excel to create an inventory management system, focusing on usability and longevity
- Managed and organized various data for the National Port Readiness Network

Virginia Tech Department of Computer Science, Blacksburg, VA

January 2022 - August 2022

Undergraduate Teaching Assistant

Teaching assistant for CS 3724, Human-Computer Interaction

- Worked with course instructors to improve course content
- Conducted office hours to help and collaborate with other students to aid in their understanding of the course material

Dollar Tree, Lorton, VA

June 2021 - August 2021

Sales Floor Associate

- Responsible for assisting with the complete operations of the store, in conjunction with assigned tasks and duties
- Assisted with cash register operations, customer service, and stock replenishing