Jordan Brodie

My Address

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Summary

Adept, third year computer science major with a special interest in software development. Soft skills consist of being a fast learner with great time management who puts their best foot forward. Interpersonal skills include an effective communicator with exceptional team management skills and a positive attitude

Relevant Coursework

Data Structures and Object-Oriented Programming
Computer Systems
Intro to Computational Theory
Intro to Operating Systems
Software Engineering
Algorithmic Analysis
Database Theory
User Interface Design
Networking and Network Security

Programming Languages

Education

Bachelor of Science in Computer Science, December 2023
Virginia Commonwealth University, Richmond, VA: GPA 3.54

Advanced Diploma, June 2020
John Randolph Tucker High School, Richmond, VA: GPA 4.0
Center for Spanish Language and Global Citizenship

Experience

Systems Programming Intern, JMA Wireless, Richmond, VA
Summer 2022
Automated the security of any node in a radio access network to ensure adherence to the 2022 CIS benchmark for badeband units running CENTOS. *Technologies: Salt Project, Python, YAML, JINJA, BASH scripting*

Software Projects

Operating System Simulator, Intro To Operating Systems,
VCU Richmond VA, Fall 2021
Basic operating system simulator that generates template programs stored in txt files upon user request and simulates CPU scheduling (Round Robin and Priority Scheduling) on 8 threads for simulation of multiprocessing. User interacts with the simulator via built-in command line Interface.
Technologies: Java (GitHub: https://github.com/Brodiejt/CMSC-312-Project)

CALCULATOR, Independent
Developed a calculator application that does basic arithmetic operations. Features a special button that when pressed, allows the user the play the game Snake. *Technologies: Python, Pyinstaller, Tkinter, Pygame*

IP ADDRESS LOOK-UP, Independent
Developed A command line based Java application that parses a texfile of IP addresses and displays their geolocation using an integrated IP-Geolocation API. *Technologies: Java, JSON-Simple, IP-Geolocation API*

Certifications

International Medal, June 2020
Henrico County Public Schools, Richmond, VA
Diploma Seal of Biliteracy (Spanish), June 2020
Henrico County Public Schools, Richmond, VA
Deans List, June 2021-2022
Virginia Commonwealth University, Richmond, VA