

Ryder Lane

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Education

West Virginia University

Morgantown, WV | May 2026

B.S. in Computer Science

Coursework: Software Engineering, Object-Oriented Programming, Data Structures & Algorithms, Discrete Math, Linear Algebra, Probability & Statistics, Calculus

Skills

Languages: Java, C, Python, JavaScript, HTML/CSS

Tools: Git/GitHub, Unix/Linux, Flask, React, Next.js

Experience

Utz Snack Foods | *Packer*

Hanover, PA | May – August 2024

- Packaged snack products while maintaining food safety standards. Collaborated with diverse team members, overcoming language barriers to ensure workflow and productivity

The Upper Crust | *Host*

Gettysburg, PA | January – August 2023

- Greeted and seated guests, managed reservations and coordinated table assignments to optimize service flow. Communicated effectively with kitchen staff and team members in a fast paced environment.

Quail Valley Golf Club | *Pro Shop Attendant*

Littlestown, PA | May 2021– August 2022

- Provided top-tier customer service by assisting guests, and reserving tee times. Maintained a well organized pro shop while handling transactions accurately, while communicating with golfers and staff to ensure a good experience on and off the course.

Relevant Classes/Coursework

Software Engineering | Java, Git, Scrum

- Worked in small groups to create a term-long project, which was designed, implemented and deployed. Used Scrum techniques. Studied the nature of software development.

File and Data Structures | Java

- Created Symbol tables, Hash tables, flat file tables, hierarchical file tables, binary file tables. Learned searching and sorting techniques, hashing, collision, overflow techniques, and data exchange formats.

Computer System Concepts| C/C++

- Programming and design; simple data types, variables, and expressions; program modularization through procedures, functions, and classes; repetition, selection through control structures; structured data types including arrays and records; application.

Language Skills

Java |

- Proficient in Java programming with experience in object-oriented design, data structures, and algorithm optimization. Skilled in developing efficient and scalable applications, debugging complex code, and implementing multi-threaded solutions. Strong understanding of Java frameworks and libraries, with hands-on experience in software development projects.

C |

- Proficient in C programming with a strong understanding of memory management, pointers, and low-level system interactions. Experienced in developing efficient and optimized code for embedded systems, algorithms, and data structures. Skilled in debugging, multi-threading, and performance tuning to enhance application reliability and efficiency.

Python |

- Proficient in Python programming with experience in data structures, algorithm development, and automation. Skilled in writing efficient, readable, and scalable code for applications ranging from scripting to full-stack development. Strong understanding of libraries such as NumPy, Pandas, and Matplotlib, with experience in debugging, optimization, and multi-threading.