

Robert Shaw

EDUCATION:

University of South Carolina, Columbia SC

Expected Graduation: May 2028

Bachelor of Science, Electrical Engineering | Minor in Computer Science

GPA: 3.8

President's List Fall 2024, Dean's List Spring 2025

Capstone Scholar | Engineering Scholarship | Academic Distinction Award | Departmental Scholarship

PROJECTS:

Robot Command Simulator

Personal Project | Java | Data Structures | File I/O

- Developed a command-line simulator for a robot navigating a board with obstacles, processing movement commands from a file.
- Implemented a custom queue for command handling rather than built-in Java collections.
- Built a real-time simulation displaying the robot's movement and detecting collisions.

Task Organizer

Personal Project | Java | Data Structures | File I/O

- Designed a task management program to organize tasks by priority using a custom linked list.
- Implemented functionality to add, remove, and prioritize tasks, with support for reading and writing task files.

SKILLS:

Programming Languages: Java, HTML

Tools & Technologies: Eclipse IDE, Putty, Linux, Windows, Adobe Workspace

Concepts: Object-Oriented Programming (OOP), Data Structures & Algorithms, File I/O

RELEVANT COURSEWORK:

- Digital Logic Design | Discrete Structures | Algorithmic Design I & II | Calculus II & III | Linux Fundamentals |

WORK EXPERIENCE:

Outback Steakhouse | Columbia, SC

Sep 2025 – Present

Waiter

- Provided attentive table service in a high-volume setting, ensuring accurate orders.
- Supported smooth shift operations by coordinating with other staff members to maintain a positive guest experience.

McDonagh's Pub and Restaurant | Keyport, NJ

Jul 2023 – Aug 2025

Waiter | Food Runner | Barback | Busser

- Delivered high-quality customer service in a fast-paced environment.
- Assisted in training new team members, fostering teamwork and leadership.