

Elias Paul Bryson



Irmo, SC |



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Skills

- Learned how to navigate the Unix/Linux command line
- Wrote automation programs using Bash
- Programmed multiple sorting algorithms and searching algorithms in Java
- Used C++ to make servers
- Used C to program a FPGA with integrated circuits in Quartus and Nios
- Constructed a game, sorting, and searching algorithms in Python

Education

University of South Carolina

Columbia, SC

May 2025 Graduating

GPA: 3.486

Major in Computer Engineering

Awards/Honors/Scholarships/Certifications

- President's List
- Capstone Scholarship
- SC Palmetto Fellows Scholarship
- Dean's Scholarship
- OSHA 10 Hour Certification

Relevant Coursework

- Algorithmic Design II - Fall 2022
- Calculus II & III - Fall 2022 - Spring 2023
- UNIX/Linux Fundamentals - Spring 2023
- Digital Logic Design - Spring 2023
- Computing in the Modern World - Spring 2023
- Embedded Systems - Spring 2024
- Robotics Design & Application - Fall 2024
- Data Structures & Algorithms - Summer 2024
- Computer Game Development - Summer 2024

Experience

- Summer 2023 as a Temp Field Engineer at Woolpert and assisted with geospatial mapping of gas lines and identifying water lines
- 6 Years Experience in VEX Robotics building with 3 years of world competition qualifications