

Cole Easley

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Github: github.com/CEASLEY803
Portfolio: ceasley803.github.io

SKILLS

- **Languages:** C++, Java
- **Technologies:** Git, UNIX/Linux, VSCode

EDUCATION

University of South Carolina
Bachelor of Science in Computer Science

Graduating May 2026
3.2 GPA

Relevant Coursework

Discrete Mathematics, Object-Oriented Programming, Algorithmic Design, Software Engineering, Data Structures & Algorithms, Statistics for Engineers.

EXPERIENCE

University (Group) Projects

Digital Piano | Java, JSON, Git

- Designed and implemented a digital piano application featuring the ability to import sheet music and convert it to a Jfugue based digital piano. Included a search/sortable library of modular songs.
- Developed data management modules (DataLoader, DataWriter, DataConstants) to handle JSON-based persistence.
- Collaborated in a team setting using Git for version control, merging branches and resolving conflicts.
- Assumed a secondary leadership role during this project, keeping team members on the same page and monitoring progress to ensure a reasonable time of completion.

Personal Projects

Array Sorting | C++

- Designed a simple console-based application to take in any number of integers, and sort them, using a choice of 3 different methods specified by the User.

Array Searching | C++

- Built upon the previous application to be able to take an unsorted list, sort it, and then search for a specified value given by the user- using 3 different methods with different time complexities.

Traffic Light Simulation | Java

- Developed a traffic simulation system that modeled vehicle flow through an intersection controlled by traffic lights. Implemented dynamic vehicle movement, lane switching, and statistical tracking, including average time and delays.