

Bryson Sinclair

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Education

University of South Carolina – Columbia

May 2027

Columbia, SC

Bachelor of Science in Computer Science

Relevant Coursework:

- Data Structures & Algorithms
- Operating Systems
- Algorithmic Design
- Software Engineering

Experience

Software Engineering Project – University of South Carolina – Columbia

February 2024 – April 2024

- Collaborated with a team of 4 to design and develop a Java Maven application using JFugue for music generation and playback
- Implemented user account functionality, allowing users to create, save, and play digital “sheet music” stored as JSON files
- Integrated print and playback features for interactive sheet music display and audio output
- Applied Agile development practices and used Git for version control

Skills

Programming Languages: Java, Python, C++

Frameworks & Tools: Maven, Git, Github, VSCode

Web & Data: HTML, CSS, JSON

Concepts & Practices: Object-Oriented Programming, Agile Development, Version Control, Software Testing