

# Jackson Greer

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## EDUCATION

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James Madison University (JMU), Harrisonburg, VA

Expected Graduation: Dec 2025

Bachelor of Science in Computer Science and Business Ethics, Minors in General Business, Philosophy, and Logic and Reasoning

Cumulative GPA: 3.36

## Projects

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### ForScore - Scoreboard Management Application

Spring 2024

- Developed an independent Java application for managing and displaying competition scoreboards across various events
- Designed and implemented the application's architecture, ensuring robust functionality
- Managed all aspects of coding and user experience to create a user-friendly interface

### UnitED - Unit Conversion Calculator

Spring 2024

- Collaboratively developed Java-based unit conversion calculator capable of handling multiple units
- Designed the structure for the Java-based GUI which involved organized windows, dropdown menus, and action listeners for interactive components
- Implemented internationalization for global accessibility
- Integrated file transfer system for custom units and help pages, enhancing user flexibility and support

## Computer Science Coursework

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### Application Development, JMU Fall 2024

- Focuses on app development fundamentals such as building stand-alone applications, visualizing complex data, and controlling IoT devices

### Algorithms and Data Structures, JMU Spring 2024

- Covers functions, relations, sets, logic, matrices, number theory, proofs, counting, graph theory, probability, digital logic, and data representations

### Software Engineering, JMU Spring 2024

- Teaches applied software engineering methodologies with a focus on industry-standard processes and tools.

**Other Courses:** Advanced Programming, Discrete Structures I, Discrete Structures II (current), Computer Systems I (current), Accounting, Computer Information Systems, Microeconomics, Finance, Management, Marketing (current), Ethical Reasoning

## Leadership

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### Business Manager - Exit 245

Dec. 2022- Dec. 2023

- Managed financial operations, budgeting, logistics, and reservation management, ensuring efficient resource allocation.

### Standards Board - Phi Gamma Nu

Dec. 2023- Dec. 2024

- Collaborated with board members to uphold policies and maintain chapter integrity and member accountability.