John Fulton

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Summary

Computer Science graduate with systems-level C/Python projects and TA leadership experience, seeking entry-level software engineering roles in backend or full-stack development.

Education

George Mason University | Fairfax, VA
BS - Computer Science | 05/2025
GPA: 3.4

Prominent coursework:

- Data Structures and Algorithms
- Computer Systems and Programming
- Operating Systems

Projects:

- CPU Scheduler (C)
  - Built a command-line CPU scheduler simulating task execution via an emulated shell
  - Implemented process control and task prioritization using C and Unix system calls
- Floating Point Library (C)
  - Developed a custom math library for IEEE 754 floating point operations
  - Enabled users to perform addition, subtraction, and multiplication with binary-encoded floating point numbers

Deans List: Spring 2022, Spring 2023, Summer 2023, Fall 2023, Spring 2025

Received the Wegmans' Scholarship from 2022-2025

Experience

Wegmans Food Markets | VA, Fairfax
In-Store Shopper | 11/2020 - Present

- Fulfilled and optimized online customer orders via Instacart for 250+ customers
- Provided consistent, high-quality customer service under time constraints
- Supported management with performance insights and team communication

George Mason University | VA, Fairfax
Undergraduate Teaching Assistant | 01/2024 - 05/2024

- Led weekly recitation sessions for 30+ students in computer science fundamentals
- Coordinated with faculty to streamline grading and student support

Technical Skills

Languages: Python • Java • C
Tools/Platforms: Git • Linux/Bash • SQL • NoSQL • VS Code • Agile/Scrum
Core Competencies: Algorithms • Data Structures • Problem Solving • Team Collaboration • Technical Communication

Technical Interests

Full Stack Development, Front End Engineering, Artificial Intelligence, Cloud Infrastructure, Quantum Computing