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.

Work History

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

- Fulfilled and optimized online customer orders via Instacart for 250+ customers
- Provided consistent, high-quality customer service under time constraints
- Analyzed order trends to optimize shopping efficiency and customer satisfaction
- Collaborated with management to improve digital order fulfillment processes
- Recipient of the Wegmans Scholarship from 2022-2025

Undergraduate Teaching Assistant, *George Mason University* 01/2024 – 05/2024
VA, Fairfax

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

Education

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

Prominent coursework:

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

Dean's List: Spring 2022, Spring 2023, Summer 2023, Fall 2023, Spring 2025

Technical Skills

Languages
Python | Java | C | JavaScript | HTML | CSS

Core Competencies
Algorithms | Data Structures | Problem Solving | Team Collaboration | Technical Communication

Tools/Platforms
Git | Vite | Netlify | Linux/Bash | SQL | NoSQL | VS Code | Agile/Scrum | Microsoft Office

Projects

Personal Portfolio Website

- Built and deployed a responsive single-page portfolio site (johnfulton.dev) using React and Tailwind CSS.
- Deployed to Netlify with custom domain, HTTPS, and CI/CD from GitHub.

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

Technical Interests

- Full Stack Development
- Front End Engineering
- Artificial Intelligence
- Cloud Infrastructure
- Quantum Computing
- Data Science