

# John Fulkerson

Computer Science Student

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## EDUCATION

*University of Delaware, Newark, Delaware*

*Fall 2022 - Expected 2026*

*Bachelor of Science in Computer Science*

- Concentration - Systems and Networks
- Cumulative GPA - 3.85 (Computer Science Courses 3.96)
- Dean's List - Fall 2022, Spring 2023, Fall 2023, Spring 2024, Fall 2024, Spring 2025
- Coursework - Computer Networks, Web Application Security, Advanced Web Tech, Database Systems
- Activities - UD Sailing Team (Commodore; Spring 2025 - Fall 2025. Boatswain; Spring 2024 - Fall 2024.

## EXPERIENCE

*University of Delaware, Newark, Delaware*

*Teaching Assistant*

*August 2025 - Present*

- Supported a class of 40 students in learning full-stack web development concepts including React, Node.js, and REST API's through weekly office hours and real-time help via Discord and email.
- Graded web application projects, identifying performance and security issues via actionable feedback.

*Lab Assistant*

*March 2023 - Present*

- Assisted users, managed machine queues, led training, and maintained fabrication equipment.
- Managed three senior design teams in an agile environment to develop a full-stack dashboard for real-time tracking of space usage and finances.

*Resident Assistant*

*August 2023 - May 2025*

- Oversaw communities of 60 residents in apartment-style housing and 20 residents in dorm-style housing.
- Built community through events, and supported residents' academic and personal success.

*CoStar Group, Arlington, Virginia*

*Technology Intern*

*June 2025 - August 2025*

- Contributed to CoStar's first infrastructure based generative AI framework to scale content creation across products.
- Built and deployed TypeScript and AWS-based systems to improve workflow speed, accuracy, and cost along with necessary documentation to use/maintain the system.

*ActionQuest, British Virgin Islands*

*Scuba Instructor*

*Summer 2024*

- Taught diving and safety to students ages 12-18 through PADI's hands-on lessons and in-water training.
- Promoted teamwork, inclusion, and safety to promote a safe and positive learning environment.

*Fairfax County Public Schools, Fairfax, Virginia*

*Event Service Technician*

*August 2022 - August 2025*

- Provided technical support for live events including school board and superintendent meetings.
- Built and operated audio, lighting, and streaming systems to ensure professional and reliable events.

*Student Technician*

*October 2019 - August 2022*

- Supported theater and auditorium productions as lead technician for lighting, sound, and projections.
- Served as the main client contact to ensure smooth communication and high quality event execution.