

# August Metcalf

571-471-6810 - august.metcalf05@gmail.com

---

## EDUCATION

B.S. Computer Science

Virginia Tech, Blacksburg, VA

expected graduation *May 2027*

*Herndon High School*

Herndon, VA

GPA 4.06

*Jun 2023*

## WORK EXPERIENCE

**NSWC, Carderock Division, Bethesda, MD**

*May 2025 – Aug 2025*

- Developed live data acquisition software in C# to interface with multiple data streams for testing purposes.
- Designed system architecture to demonstrate an alternative to LabVIEW for future data acquisition workflows
- Supported live model testing operations

**Lifetime Fitness, 1757 Business Center Dr, Reston, VA**

*Aug 2023 - Aug 2024*

- Collaborated with cross-functional teams to address operational challenges and improve overall efficiency
- Coordinated and executed facility maintenance tasks, ensuring a clean and safe environment for members and staff.
- Conducted routine inspections of equipment and fixed what I could reporting any major issues.

## SKILLS

- Experience with Java, Python, C, C#, Unix, Linux, and HTML
- Creation of robust applications using object-oriented programming principles.
- Proficient with Google Office and Office365 suite.
- Quick to adapt and familiarize myself with new circumstances.

## RELATED COURSEWORK

- Object Oriented Programming
- Discrete mathematics
- Low Level Programming
- Data Structures and algorithms
- Intro to Computer Organization
- Foundations of Engineering

## PROJECTS

- Live data acquisition software
- Client database
- Linked List and Hash Table cache simulator
- Recursive QuadTree image processor
- Bellman-Ford Algorithm Simulator

## EXTRA CIRCULARS

- Virginia Tech Crew Club