

August Metcalf

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

EDUCATION

B.S. Computer Science
Virginia Tech, Blacksburg, VA

expected graduation *May 2027*

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