

Murtaza Amjad

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Objective

Aspiring **Software Engineer** with expertise in **full-stack** and **secure software development**. Skilled in building scalable applications, applying cybersecurity frameworks, and delivering innovative solutions that improve performance and resilience.

EDUCATION

University of New Haven

B.S. in Computer Science

West Haven, Connecticut

Expected Graduation, May 2026

- o GPA: 3.63/4.00, Dean's List

SKILLS

Programming: Java, Python, HTML/CSS/JavaScript, SQL, C++, C, C#

Tools/Frameworks: AWS, Linux, Jupyter Notebook, Visual Studio Code, MySQL, Unity, Git, Arduino IDE, MongoDB, SpringBoot, Figma, VMware, Cisco Packet Tracer, Wireshark, Nmap, Metasploit, MATLAB

EXPERIENCE

Cybersecurity & IT Risk Intern

Southington, Connecticut

Webster Bank

May 2025 – Aug 2025

- Completed **15+** security reviews and vendor risk assessments, improving compliance scores by **15%**.
- Created training docs that cut onboarding time by **30%**.
- Partnered with SOC/Engineering to resolve **20+** vulnerabilities, reducing exposure by **25%**.

Co-Founder & Lead Developer (Startup in Development)

West Haven, Connecticut

SendIt

Feb 2025 – Current

- Built a secure peer-to-peer cross-platform file transfer system in Java with GUI (JavaFX) and TCP sockets.
- Designed error handling & unlimited file size support; achieved transfers **45%** faster than cloud services.
- Led Git version control, branching, and merging for collaborative development.

Research Assistant (Next-Gen Autonomous Vehicle Security)

West Haven, Connecticut

University of New Haven

Nov 2024 – May 2025

- Implemented a MATLAB–Unity software pipeline with TCP/IP networking to simulate autonomous vehicle sensor data.
- Developed Unity scripts to parse JSON input, spawn 3D objects, and synchronize real-time tracking.
- Designed UML system diagrams for cyber-physical security analysis.

President

West Haven, Connecticut

Computer Programming Club

Aug 2023 – Current

- Directed development of **full-stack and systems projects**, including *SendIt* (secure cross-platform file transfer) and hackathon prototypes (*Classify*), applying **Java**, **Python**, **SQL**, and **SpringBoot**.
- Implemented **Agile development workflows**, ensuring collaborative progress across **20+** members.

CERTIFICATIONS

IBM DevOps and Software Engineering Professional Certificate – In Progress Expected Completion: Dec 2025

Lean Six Sigma Yellow Belt Certificate – Issued by Webster Bank on July 2025

Cybersecurity Excellence Certificate: The Threat Within and NIST Framework – Issued by IQ4 & Cybersecurity Workforce Alliance on August 26, 2024

ACTIVITIES AND LEADERSHIP

University of New Haven Zeta Chapter of Upsilon Pi Epsilon - President

Mar 2024 – June 2025

Quinnipiac University NorthEast Annual Cybersecurity Summit - Student Ambassador

Nov 2024 – Nov 2024

Wesleyan University Hackathon - Front-End Lead

Nov 2024 – Nov 2024