Farhan Haider

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Blacksburg, VA | Leesburg, VA

EDUCATION

Virginia Tech, Blacksburg, VA   **Expected Graduation: Dec. 2024**
B.S. in **Business Information Technology**   **GPA: 3.498/4.000**
Majors in **Cybersecurity Management and Analytics** and **Decision Support Systems**
- Extracurriculars: Intelligence Community CAE Scholar, PUMP (Pamplin's Undergraduate Mentoring Programs)

WORK EXPERIENCE

Hume Center - Undergraduate Research Assistant (Department of Defense), Remote   **Sep. 2023 – Present**
- Gained hands-on experience in the application of artificial intelligence to cybersecurity, contributing to the development of innovative solutions for protecting critical computer networks.
- Collaborated within a team to analyze the operational and business aspects of the vulnerability detection system, conducting trade-off assessments and economic analysis to optimize its effectiveness and efficiency.
- Presented technical report and capstone project for Defense Civilian Training Corps (DCTC) at Virginia Tech National Security Institute's spring research colloquium.

Moog Inc. - Engineering Intern (Business Process), Christiansburg, VA   **Sep. 2023 – Present**
- Designed a custom Excel VBA application to streamline label printing process, achieving a 50% cut in process steps and dramatically reduced user errors, enhancing process reliability.
- Demonstrated responsibility by handling export-controlled information, ensuring compliance in a classified engineering environment.
- Performed systems analysis by documenting requirements and creating use-case visuals to facilitate technical projects, applying UML skills from coursework.
- Communicated technical concepts to nontechnical personnel, acting as an intermediary between business and technology.
- Developed step-by-step user guides for troubleshooting difficulties with system processes.

Virginia Tech - Undergraduate Teaching Assistant, Blacksburg, VA   **Aug. 2023 – Present**
- Hosted office hours, organized class webpage, and collaborated with professor to revise course material, raising the class average on the first test by 5.2% from last semester.
- Assisted professor in developing course materials, assignments, and exams, ensuring alignment with learning objectives and academic standards.
- Acted as liaison between 120+ students and professor, ensuring effective communication and addressing student concerns promptly and professionally.

Adidas - Seasonal Store Associate, Leesburg, VA   **Jun. 2022 – Jan. 2024**
- Drove email-capture and sales numbers, contributing to the store's position within the district top 3.

Virginia Tech Dining Services - Dining Service Attendant, Blacksburg, VA   **Sep. 2021 – Sep. 2023**
- Prepared over 520 daily orders in a fast-paced, intense environment while operating multiple stations.

Gap - Brand Associate Team Leader, Leesburg, VA   **Jul. 2020 – Jun. 2022**
- Trained new hires in sales strategy, resulting in rewards program sign-ups of up to 100 customers a day.
- Drove store credit card sign-ups and processed applications to help bring the store to #1 in the district.

PROJECTS

Data Analysis and Visualization Report   **May 2023 – Jun. 2023**
- Explored Microsoft Azure fundamentals and imported dataset to create visualizations using Python.
- Used descriptive and diagnostic analytics to tell a story with government spending data.

Medicine Routing & Shipment Decision Support System   **Mar. 2023 – May 2023**
- Won "Top Group and Presentation" out of 5 groups in Excel Visual Basic routing simulation project.
- Created user-interface and collaborated with 3 teammates to program a data analysis tool to optimize product shipment.

SKILLS

Visual Basic in Excel, SQL, HTML, CSS, VB.NET, Python, UML, Microsoft Office Suite, Urdu