

# Huda Ali

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## EDUCATION

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**Syracuse University College of Engineering and Computer Science**

**Syracuse, NY**

Major Computer Science

*Expected Graduation Date: December 2024*

Weighted GPA: 3.58

## TECHNICAL SKILLS

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**Applications:** Visual Studio Code, Microsoft Azure, Bootstrap, Sklearn, Google Developer

**Security:** Splunk ES, FireEye, CrowdStrike, IBM Resilient, Nessus, QRadar, Nmap

**Programming:** Python, Java, HTML, CSS, JavaScript, C++, C

**Certifications:** CompTIA Security+, Splunk 7.x Fundamentals Part 1, CySA+ (In Progress)

**Related Courses:** Data Structures, Computer Organization, Network Programming, Front End Web-Dev.

## WORK EXPERIENCE

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**Information Security Student Consultant, Syracuse University**

*August 2021-Present*

- Collaborate with a team to monitor and analyze IDS alerts through Kibana and Hive and identify security anomalies for investigation and remediation.
- Utilize Nessus by employing scans, verifying vulnerability reports on various departments, and ensuring administrators receive accurate reports.
- Apply information security foundations, such as network technologies and tools, identity and access management, network security, secure system implementation, and risk management.

**Academic Excellence Facilitator, Syracuse University**

*June 2022-Present*

- Coach participants to focus on subject mastery vs. memory and point participants in the right direction through the use of open-ended critical thinking questions.

## PROJECTS

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**Machine learning Analysis on Traffic Stops Project**

- Lead a research project which utilized several python libraries to gather, compile and analyze multiple large raw datasets to effectively deduce disparities occurring in traffic stops in New Jersey, Maryland, Philadelphia, and Rhode Island.
- Implemented Machine Learning Algorithms to predict the probability of individual persons getting searched in a traffic stop and the outcome of the results with an average accuracy of 83% between 4 states.

**Web Development Project**

- Designed an accessible, responsive, and functioning website to showcase my research, utilizing Bootstrap and Google Developer API.

## LEADERSHIP EXPERIENCE

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**Muslim Student Association, Syracuse University**

*April 2022-Present*

- Cooperate with executive board members to manage open communication between Muslim students and the university body.

**Engineering Ambassador, Syracuse University**

*February 2022-Present*

- Guide young students to pursue higher education in STEM by helping them comprehend various branches of science and engineering through specialized lesson plans.