

# AHAD SHERIFF

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## WORK EXPERIENCE

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### Booz Allen Hamilton

Cyber Threat Intelligence Intern

McLean, VA

June 2018-August 2018

- Analyzed threats, vectors, and actors in support of cyber defense and computer network operations. Coordinated with analysis teams and the intelligence community to conduct technical review of security events. Wrote a program to automate migration from a legacy database. **Tech Used:** Splunk, Python, Git, Bash, SQL, AWS (S3) Confluence, Jira

### Citigroup

Production Support Technology Intern

New York, NY

January 2018-April 2018

- Created tools to automate health and uptime monitoring for the algorithmic trading infrastructure. Monitored high-frequency trading logs for bottlenecks and anomalies. Wrote documentation for production support. **Tech Used:** Linux, Bash, FIX, Git, C, Python, Perl

### Allied Associates International

Cyber Security Intern

Gainesville, VA

June 2017-August 2017

- Built and deployed a network security monitor to visualize internal web traffic, log security events and detect external threats. Created an incident response toolkit, blacklisted malicious DNS addresses, and reviewed IT security procedures. **Tech Used:** Linux, Active Directory, PowerShell, Elasticsearch, Logstash, Kibana, Suricata, Docker, Docker Swarm, VMWare ESXi

## PROJECTS

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### Calculating Android Application Risk

- Created a model to assign risk scores to applications based on permissions and key-signing algorithms. Built an automation tool to analyze and evaluate the risk of real Android apps using the risk score model. **Tech Used:** Android, Java, Python, MobSF, ApkTool, Dex2Jar,

### Best Practices for Integrating the Public Cloud with Local Resources

- Researched best practices and created a guide for securing access to AWS management, securing network access to EC2 instances, securely linking EC2 instances to a local network, configuration management, and conducting a cost analysis for resources used. **Tech Used:** AWS (EC2), Active Directory

## EDUCATION

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### Rochester Institute of Technology, Rochester, NY

Bachelor of Science, Computing Security

GPA: 3.3

August 2015 - December 2019

## ACHIEVEMENTS

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### President and Founder: 12for12

- Founded 12for12, a registered 501c3 non-profit organization. Developed an online platform to donate spare change to a different cause every month. **Tech Used:** HTML, CSS, Javascript, Node.js, Swift

### First Place: Columbia University HealthHacks 2018

- Built a mobile app to treat narcotic overdoses by facilitating communication between nearby reporters and those trained to treat overdoses. **Tech Used:** Swift, Firebase

### Microsoft Hack for Good Grant

- Pitched an idea for an innovative community project to Microsoft engineers and was awarded a grant to make the idea the non-profit organization 12for12 - a reality.