

AHAD SHERIFF

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EDUCATION

Rochester Institute of Technology, Rochester, New York
B.S. Computing Security 2019

EMPLOYMENT

Citi, ICC Technology Analyst Co-op, New York, NY January 2018 - April 2018

- Worked with Citi's Institutional Clients Group (ICG) to support and enable the success of the equities trading businesses
- Adapted to changing market environments through the understanding of the capital market
- Applied fundamental programming and scripting skills to build tools for the electronic trading platform

Allied Associates International, Cybersecurity Intern, Gainesville, VA June 2017 - August 2017

- Enhanced the corporate cyber security posture for A2I, a company specializing in technology solutions for federal agencies
- Researched and implemented a centralized logging solution for a primarily windows based environment
- Built a network security monitor using Suricata and ELK to visualize corporate DNS data and detect external threats
- Other responsibilities: DNS blacklisting, creating an incident response toolkit, and reviewing IT security procedures

SKILLS

LANGUAGES: Java, Swift, Python, C, SQL, Javascript, Bash, Powershell, Perl

RELEVANT COURSES: Computer Science I & II, Mechanics of Programming, Routing and Switching, System Administration, Network Services, Database & Data Model, Network & System Security Audit, Cryptography

SERVICES: AWS, Suricata, Elasticsearch, Logstash, Kibana, Git, Active Directory, LDAP

PROJECTS

Network Audit Suite (Network & System Security Audit) October 2017 - November 2017

- A collection of scripts intended for on-site asset discovery
- Built tools for DNS enumeration, ICMP based OS detection, ping sweeps, port scans, and brute force SSH login scans

Lasers GUI (Computer Science II) March 2016 - April 2016

- Made a model for a Java based game that operated with a plain text user interface and could be run on the command line
- Implemented a backtracking algorithm to solve the game and built a GUI using JavaFX

12for12 June 2017 - Current

- Co-founded 12for12, a registered 501c3 non-profit organization
- Oversaw the development of an online platform to showcase the stories of inspiring individuals in need of community support
- Organized and led an overseas team of developers to deliver the product

Shelly July 2016 - February 2017

- A reverse shell program written in Python allowing a user to remotely take control of another machine
- When the client side of the program is run on a host, a user can then control the machine through a remote server

RoastKeyboard July 2015 - Current

- An iOS app developed using the Swift programming language that is currently live on the App Store
- Allows a user to roast their friends at the tap of a button

Jatch.co October 2016 - May 2017

- Lead a team to develop and ship an auto-messaging program to aid professional Jatch account users

AWARDS

Microsoft Hack For Good Grant, Microsoft June 2016

- Pitched an idea for an innovative community project to Microsoft engineers
- Was awarded a \$2000 grant to make the idea - the non-profit organization 12for12 - a reality