

Michael Roberts

Contact Information

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<https://michaelroberts98.github.io>

Education

University of Central Florida, Orlando, FL
Master of Science in Digital Forensics, anticipated Dec 2021

University of Central Florida, Orlando, FL
Master of Business Administration (MBA), anticipated Dec 2021

University of Central Florida, Orlando, FL
Bachelor: Information Technology, May 2019
Deans List 2017 & 2018

Experience

Information Security Engineer II

August 2019 - Present

Abbott Laboratories, Orlando, FL

- Identify current and emerging technology issues including security trends, vulnerabilities and threats
- Conduct proactive research to analyze security weaknesses and recommend appropriate architectural strategies
- Evaluation, implementation and use of security tools to conduct penetration testing and intrusion prevention

Information Security Intern

March 2019 - August 2019

Chick-fil-A, Atlanta, GA

- Provide internal consulting services to Chick-fil-A corporate stakeholders.
- Perform vulnerability assessments across various security domains with an emphasis on endpoint security
- Deliver a report on the current state of point of sale security for Chick-fil-A

Windows administrator

January 2019 - May 2019

Kinder Consulting, Winter Park, FL

- Emphasis on Virtualization, remote desktop, and business optimization.
- Researched and troubleshoot issues with Healthcare software.
- Provided technical support to internal stakeholders.

IBM X-Force Red Intern

June 2018 - August 2018

International Business Machines (IBM), Austin, TX

- Provide external services to IBM customers across various security domains with an emphasis on Network Penetration Testing
- Perform vulnerability assessments against external clients

- Write scripts in Aggressor, Python, and Ruby; dealing with post-exploitation techniques

Cyber Engineering

May 2017 - 2018

Northrop Grumman, Herndon, VA

- Developing a functional cyber range for testing of attack and defense scenarios.
- Assemble tools to support hardening and testing of software and operating systems.
- Actively recreating major attack campaigns while brainstorming defense mechanisms.

Collegiate Cyber Defense Competition Team Captain

January 2017 - Present

University of Central Florida, Orlando, FL

- Defend and administer a company network while simultaneously being attacked by a team of professional penetration testers.
- Detect and respond to outside threats, maintain availability of existing services, respond to business requests, and balance security needs against business requirements.
- Use Metasploit, Nmap, and Kali Linux tools to perform network penetration testing.

Technical Support Engineer II

June 2016 - March 2017

NetApp, Lake Mary, FL

- Provided external technical support to major enterprises and government entities.
- Emphasis on Virtualization, Storage Management Software, and Data Protection technologies.
- Researched and troubleshoot issues with NetApps commercial line of storage controllers.

Achievements

2nd place, National Collegiate Cyber Defense Competition - Captain Spring 2018,2019,2020
1st place Collegiate Cyber Defense Competition Regional - Captain Spring 2018,2019,2020
1st place, Department of Energy CyberForce Competition, Chicago, IL Fall 2018
1st place, Panoply Regional & **National** competition - Captain Fall 2017,2018
1st place, Leidos Cyber Challenge, Augusta, GA - Captain Fall 2017
 CyberPatriot National Finals, Baltimore, MD - Captain Spring 2016