

PRANEETH BABU MARELLA

Cybersecurity Analyst (CySA+) | Security+

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RELEVANT EXPERIENCE

Associate Detection and Response Analyst

Expel

November 2019 – Current Herndon, VA

- Working as part of the security operations team.

Cybersecurity Analyst Intern

Symantec

May 2019 – November 2019 Herndon, VA

- Worked as part of the MSS (Managed Security Services) team.
- Investigated security incidents for customers and performed escalation for validated threats.
- Developed a python program that reduced the time needed to process network logs for Netflow analysis from 2-3 hours to 15 minutes.
- Utilized the NIST Cybersecurity Framework and SP 800-53 Rev. 4 to develop a security assessment for customers to understand their relative security posture.
- Produced labs and content for a Network Threat Hunting class that was part of a security analysis workshop.

Election Cybersecurity TTX Facilitator & Contributor

Idaho Secretary of State's Office

October 2018 – January 2019 Boise, ID

- Developed a process flow for elections in different Idaho counties and identified potential entry points for attacks.
- Designed realistic threat profiles and built scenarios that highlight the importance of security for the workshop.
- Collaborated with members from the Defending Digital Democracy (D3P) Project at Harvard's Belfer Center to create an event playbook.

PUBLICATIONS

BroncoVote: Secure Voting System using Ethereum's Blockchain

- Authors: Praneeth Babu Marella, Matea Milojkovic, Jordan Mohler, and Gaby G. Dagher. *In Proceedings of the International Conference on Information Systems Security and Privacy*, 2018. ICISPP. 12 pages.

Ancile: Privacy-preserving Framework for Access Control and Interoperability of Electronic Health Records using Blockchain Technology

- Authors: Jordan Mohler, Matea Milojkovic, Praneeth Babu Marella, and Gaby G. Dagher. *Sustainable Cities and Society Journal*, 2018. Elsevier. 16 pages.

EDUCATION

M.S. in Information Security and Assurance

George Mason University, Fairfax, VA

January 2019 – Ongoing

GradCert in Telecommunications Forensics and Security

George Mason University, Fairfax, VA

January 2020 – Ongoing

B.S. in Computer Science

Boise State University, Boise, ID

August 2015 – December 2018

- Minor: Applied Mathematics
- Honors: *Cum Laude*

RELEVANT COURSES

Critical Infrastructure Security

Ethical Hacking

Network Security

Secure Software Design and Programming

Forensics Fundamentals

Intrusion Detection for Forensics

Applied Cyber Intelligence

TECHNICAL SKILLS

Languages:

Python

Java

JavaScript

LaTeX

Solidity

Security/Network Tech:

Carbon Black Defense/Response

Palo Alto Networks

Darktrace

Endgame

CrowdStrike

SentinelOne

Microsoft ATP

Tools:

Git

SumoLogic

LogDNA

VMWare

Wireshark

NMap

Metasploit

Snort