

PRANEETH BABU MARELLA

Cybersecurity Analyst+ (CySA+) | Security+

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RELEVANT EXPERIENCE

Associate Detection and Response Analyst

Expel

November 2019 – Current Herndon, VA

- Monitoring and analyzing log data, network traffic, and/or alerts generated by various security technologies in real-time.
- Investigating attacks against customer networks. Escalating and explaining validated security incidents to customers.
- Writing up security incident reports detailing the threat, remediation steps, and possible resiliency actions.
- Ensuring standards/procedures are adhered to within defined SLA's.
- Developing knowledge of security technologies, cyber-attacks, and vulnerabilities.
- Assisting with rule building and tuning to help refine security tech alerting.

Cybersecurity Analyst Intern

Symantec

May 2019 – November 2019 Herndon, VA

- 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.

PUBLICATIONS

BroncoVote: Secure Voting System using Ethereum's Blockchain

In Proceedings of the International Conference on Information Systems Security and Privacy, 2018. ICISSP. 12 pages.

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

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/Frameworks:

Python

Java

JavaScript

LaTeX

Solidity

Django

REST

Network/Security Tech:

Carbon Black Defense/Response

Palo Alto Networks

Darktrace

Endgame

CrowdStrike

SentinelOne

Microsoft ATP

Tools:

Git

SumoLogic

LogDNA

VMWare

Wireshark

NMap

Metasploit

Snort