

ARMORA RAMA

1840 S 1300 E • Salt Lake City • UT • 84105 • (562)-241-5202 • rama_armora@yahoo.com

EDUCATION

Westminster College, Salt Lake City, Utah

Bachelor of Science, Computer Science Major and Math Minor, 3.5 GPA.

May 2018

Full Tuition Scholarship from Education USA and Westminster College.

One of top 5 students for 2016-2017 chosen from the president for high achievements and innovation.

COMPUTER SKILLS

Languages: Java, Python, JavaScript, C, HTML, CSS, Swift, Assembly.

Security Tools: Splunk, Splunk Enterprise Security, Nessus, Kali Linux, Wireshark, ZAP Proxy, ArcSight, SourceFire, Lancope, Data Loss Prevention, Trustwave, Securonix, Guardiam.

Operating Systems: Windows and Linux

RELATED EXPERIENCE

Galileo Processing

Nov 2017 – Current

Information Security Analyst

- Performing system reviews and application vulnerability analysis.
- Assisting in improving Splunk Enterprise Security SEIM implementation.
- Extending machine learning/AI capability in security attack identification at the network and application layer.
- Conducted an internal penetration test, using different security tools to test segmentation between environments, APIs and web applications and malware detection and response.

Intermountain Healthcare

Jan 2017- Oct 2017

Cybersecurity Intern – Security Operations Center(SOC)

- Monitoring, analyzing and detecting abnormal behaviors for over 100 events per day, as a tier 1 analyst.
- Contributing in improving the two-step authentication method for all caregivers in Intermountain Healthcare.
- Creating daily reports by conducting deeper analysis on possible system vulnerabilities.
- Assisted users with technical support for accounts and access issues through ticketing system, Service Now.

Security Research

May 2017 – Current

Application Layer Intrusion Detection with Machine Learning Algorithms

- Evaluating the benefits of implementing machine learning algorithms to detect anomalies.
- Diagnosing similar patterns in remote intrusion detection that can be executed by computers instead of humans.
- Running different attacks from one machine to the other and using Splunk Enterprise Security to catch these attacks.

HACKATHONS

HackHarvard

Fall 2015- Fall 2016

Harvard University

- Selected from a pool of 1000 applicant to participate in a 36 hours coding challenge.
- Backend developer on a mobile translation application with Microsoft's cognitive API.

LEADERSHIP

HackTheU Organizer

April 2017- Present

- Selected from students of all colleges in Utah to be the media director of the largest hackathon in Utah.
- Adminstrating the social media and meeting with potential sponsors for the event.

Computer Science Club President

- Organizing Hacking Day with Alexa, sponsored by Major League Hacking.
- Coaching first and second year students in school projects and strengthening their coding skills.