

Jonathan Harijanto

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EDUCATION

University of California, Irvine – *M.S. in Computer Science* (2018)

GPA: 3.80

Oregon State University – *B.S. in Computer Science* (2017)

GPA: 3.67

TECHNICAL SKILLS

- **Programming Languages:** Python, Bash, HTML, CSS, JavaScript, PHP, SQL
- **Tools:** Wireshark, Nmap, Postman, Linux, Kali Linux
- **Enterprise:** Sumo Logic, SignalFx, Datadog, Splunk, Grafana, AWS (EC2, VPC, S3, CloudFront, Route53, ELB, RDS), Dome9, Cisco Umbrella, Check Point Firewall, NodeJS, MongoDB, Git, Zendesk, Jira

EXPERIENCES

[Full-Time] Netskope: Cloud Security Engineer

February 2018 – Present

- Enhance the performance of microservices and remediate scaling issue using Python tools.
- Design and build automation tools to provides system healing functionality and accelerates administration tasks.
- Develop custom monitoring system to measure and monitor infrastructure health using Datadog and SignalFX.
- Investigate and analyze incidents in microservices environment using cloud SIEM (SumoLogic).
- Build and report SIEM performance metrics to development, management and leadership teams.

[Internship] CalAmp: Information Security Analyst

June 2018 – September 2018

- Developed security API platform to integrate Next-Generation AV security breach alerts with Slack.
- Exploited Linux and Windows systems utilizing Kali Linux tools as part of a PoC, infrastructure hardening.
- Implemented and evaluated Vulnerability Management platforms (Qualys, insightVM, and insightAppSec) and Next-Generation Endpoint Protection platforms (Cylance and CrowdStrike).
- Conducted investigation and clean-up of malware and malicious scripts that exist in company infrastructure.

UC Irvine: Graduate Teaching Assistant (Reader) – CS 132: Computer Networks

April 2018 – December 2018

- Graded student's homework, papers and examinations and held office hours to respond to student's questions.

Oregon State University: Undergraduate Researcher

October 2016 – June 2017

- Developed an Android Studio plugin (Droidperm) that automates the upgrade of an app to v6.0 permission model.

COMPETITIONS & PERSONAL PROJECTS

(Competition) Python: OWASP Bay Area Secure Coding Tournament 2020

January 2020

- First place in a secure coding (identify the problem, locate the insecure code, fix the vulnerability) tournament.

(Project) Kali Linux—Penetration Testing: HackTheBox

October 2019 – Present

- Apply penetration testing skills to gain access to vulnerable machines and create write-ups for documentation.

(Project) AWS: Fault-Tolerant WordPress Site

December 2019

- Built a secure, serverless, and high-availability WordPress site using various AWS Services (EC2, S3, VPC, ELB)

(Project) Network Security Home Lab

Fall 2019

- Built a security monitoring lab using open source tools: Kali Linux, Metasploitable, pfsense, Security Onion.