Engineering undergrad with 2+ years of experience in network and systems infrastructure with strong focus on security seeking an opportunity to solve complex and interesting problems in the field of cyber security.

## EDUCATION

**University of California, Los Angeles**

**Henry Samueli School of Engineering** GPA: 3.02

*Bachelor of Science, Electrical Engineering* Expected Graduation: March 2019

**Honors:** ALD & PES National Honors Society, CEED

## RELEVANT COURSEWORK

**Completed:** Computer Organization; Discrete Structures; Logic Design of Digital Systems; Physics of Electrical Engineering; Computer System Algorithms; Network Communication Layers; Digital Signal Processing

## EXPERIENCE

### Security Analyst (SAII – SAIII) Santa Monica, CA

*The DigiTrust Group* October 2017 – Present

* Identified and classified key threats to client's network environments through log collection and aggregation.
  + Created PowerShell scripts to compile and standardize different log formats
  + Performed extensive DFIR research on network traffic patterns and user behavior
* Crafted information visuals in Elastic's Kibana to improve DFIR research and Health Check reports
* Worked with Internal Development and Management Team to deploy ADFS to secure cross-domain identities and integrated service with existing threat detection logic.
  + Wrote custom claims and authorization rules to harden federation environment
* Wrote JavaScript functions to automate event handling for Security Analysts, reducing click volume and increasing productivity and turnaround time on event processing.

### Help Desk Technician Century City, CA

*The Broad Foundation/Family Office Financial Services* October 2016 – September 2017

* Created custom PowerShell GUI tool for automatic user provisioning and migration.
* Diagnosed and maintained SIP phone issues using packet inspection tools
  + Restructured VLAN and DMZ topology to allow to more secure access
* Deployed ADFS to facilitate MFA for end users, while ensuring in office security by restricting access to publicly accessible terminals such as conference rooms and phone booths.
* Created custom SharePoint search page and URI handler to provide a more refined search for our SharePoint sites that allowed for improvements to refinement and specificity.

### Systems Administration Intern Los Angeles, CA

*American Computers and Engineers* June 2014 – September 2014; June 2015 – September 2015

* Developed Active Directory Environment for Windows based systems
  + Hardened environment against standard attack vectors: Pass the hash, SMB exploits, DNS poisoning, privilege escalation via poor user access and segregation
* Deployed remote access and administration through DirectAccess and RADIUS server

## ACHIEVEMENTS

* Qualcomm DECA, 2016
* Qualcomm Q-Hacks Best Overall, 2016

## SKILLS

**Languages:** Java, C++, JavaScript, PERL (limited) **Environments:** Active Directory (MAC and Windows)

**Scripting:** Python, PowerShell, Bash └**Services:** ADFS, ADCS, WDS, S4B, SSL VPN

**Principles:** DHCP, IPv6, 6to4 tunneling, DNSSEC, SharePoint, Exchange, Cisco CME

Virtual networking, VPN (all types)

**Tools:** Wireshark, Logstash, Fiddler, NXLog, Regular Expressions