Arlan K. Jaska

Contact Information

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Current Education

University of California, Berkeley   **August 2013 - May 2017 (expected)**
Electrical Engineering and Computer Science - Bachelor of Science, GPA 3.3
Selected coursework: Software Engineering, Data Structures, Machine Learning

Employment & Experience

Uber, Security Engineer Intern   May 2016 - August 2016
Improved security team tooling and integrated them into Uber infrastructure as microservices with industry-standard technology. (Python, Node, React/Redux, Golang)

Airbnb, Security Engineer Intern   January 2016 - April 2016
Developed tools to protect users against external password compromises. Performed code review. Triaged vulnerability reports and developed fixes. (Ruby on Rails, React/Flux/alt.js)

UC Berkeley Innovative Design   February 2015 - present
Web Development Leader, VP of Tech
Lead teams of 8-10 to create web applications for campus organizations with a focus on design. Gave weekly talks about modern web development stacks. Maintained website.

UC Berkeley Residential Computing   April 2014 - January 2016
Information Security Engineer, Information Security Lead (Summer 2015)
Secured and monitored the university network. Automated the scanning of critical systems and processing of the results. Performed penetration tests and code review for university web apps. As lead, managed team of seven, and was on-call for incident response.

Northrop Grumman, Cybersecurity Intern   Summer 2012
Secured servers with DISA STIGs and deployed both ArcSight ESM and OpenStack.

TJHSST Computer Security Club, Co-founder   October 2011 - June 2013
Gave weekly lectures, created practices, and led the club in entering security competitions.

TJHSST Computer Systems Lab, Systems Administrator   September 2010 - June 2013
Maintained student workstations and critical services including school email and websites.

Awards

Second Place Team, National Collegiate Cyber Defense Competition   April 2015
Defended against professional red team. Performed monitoring and incident response roles.

First Place, Virginia Governor's Cyber Challenge   March 2013
Live CTF-style competition. Recognized in a front page New York Times article.

Second Place Team, PicoCTF   May 2013
Included reverse engineering, python exploits, web applications, and binary exploitation.

Relevant Skills

Languages: Python, Bash, C/C++, Java, Javascript (and ES2015), Ruby, SQL, x86 Assembly
Web Frameworks: Flask, jQuery, Meteor, Ruby on Rails, React, Redux
Security: Burp, GDB, IDA, Nessus, nmap, OllyDbg, Snort, Wireshark

Experience with code review and penetration testing.