Arlan K. Jaska

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Employment & Experience

Affinity, Software Engineer — May 2017 - Present

Full-stack role in high growth startup: backend, frontend, infrastructure, tooling. Built and scaled out email syncing and processing data pipeline. Architected and led implementation of complex tiered billing system with analytics, internal dashboards, and sales team tooling. Created internal tooling around development, testing, and releases. Implemented numerous product features and core infrastructure components. Advocated for and championed new technologies and important refactors. (Ruby, Typescript, React, Redux, Backbone)

Uber, Security Engineer Intern — May 2016 - August 2016

Expanded and upgraded security team tooling and integrated them into Uber infrastructure with industry-standard technology. (Python, Node, React/Redux)

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 - May 2017
Web Development Leader, VP of Tech

Lead teams of 8-10 to create web applications for on-campus orgs with focus on design.

UC Berkeley Residential Computing — April 2014 - January 2016
Information Security Engineer, Information Security Lead (Summer 2015)

Secured and monitored the university network. Performed penetration tests for university web apps. As lead, managed team of seven, and was on-call for incident response.

Northrop Grumman, Cybersecurity Intern — Summer 2012

TJHSST Computer Security Club, Co-founder — October 2011 - June 2013

TJHSST Computer Systems Lab, Systems Administrator — September 2010 - June 2013

Education

University of California, Berkeley — August 2013 - May 2017
Electrical Engineering and Computer Science - Bachelor of Science, GPA 3.4
Selected coursework: Software Engineering, Data Structures, Machine Learning

Thomas Jefferson High School for Science and Technology — September 2009 - June 2013

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, Typescript, Bash (and shell scripting), C/C++, Java, Javascript (and ECMAScript), Ruby, SQL, x86 Assembly
Web Frameworks: Flask, jQuery, Meteor, Ruby on Rails, React, Redux, Sinatra

Significant experience with security-oriented code review and penetration testing.