**Ryan Keller**

Full Stack Developer with background in security and DevOps. Bootcamp alumnus; graduating B.S. in Informatics June 2019.

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Seattle, WA; Can Relocate

Professional Experience

Capital One

## Software Engineering Intern, Full Stack 2018

* Led a team of 6 developers, providing 1:1 mentorship, developing application architecture and establishing team best-practices.
* Created several company-wide UI component libraries for data visualization, client-side state management, and application hardening.
* Developed full stack security applications used to define and enforce security policies, profile attack vectors, and automatically triage breaches.

Technologies: Go, Node, React, Webpack, Rollup, MongoDB, AWS

T-Mobile

## Security Engineering Co-Op 2018

* Researched emerging solutions for security infrastructure automation, creating proofs-of-concept capable of scaling to support 14,000 nodes.
* Developed full stack applications and data ingestion systems for cyber threat intelligence, automating the collection of emerging threat data.

Technologies: *Software Defined Perimeter, Micro-Segmentation, Node, React*

## DevOps Engineering Co-Op 2017 - 2018

* Automate continuous integration pipelines and provisioning of cloud “Infrastructure on Demand” using bash scripts, Puppet and Ansible.
* Developed Chrome browser extensions to add bespoke functionality to vendor web applications, including data visualization and API integrations.

Technologies: Puppet, Ansible, Ruby, Bash, JavaScript, Chrome browser API

University of Washington

## Full Stack Developer 2017 - 2018

* Developed a bespoke IT project management web app used to select and grant $12 million in funding to over 100 campus projects annually.
* Redesigned the campus technology proposal process to improve efficiency, accessibility, financial auditing processes, and data integrity.

Technologies: Node, React, Redux, Webpack, MySQL, MongoDB, AWS

## Network Specialist 2016 - 2017

* Developed automation systems for automatically provisioning, deploying, and managing network infrastructure using Python and Ansible playbooks.

Technologies: Python, Ansible, Bash, Network Design and Configuration

Starbucks

## Service Desk Analyst 2015 - 2016

* Performed configuration and implementation of the Mobile Order & Pay System for over 13,000 stores internationally.

Technologies: SQL, Juniper Networking, Oracle AS400, Simphony PoS

Additional Experience

# University of North Texas

## Research Coordinator, Behavior Analysis 2015

## Research Lab Manager, Traumatic Injury & Injustice 2013 – 2014

Education

University of Washington

## Bachelor of Science in Informatics

Concentration in Cybersecurity

*Informatics is the combined study of Human-Computer-Interaction, project management and computer science.*

Graduating March 2019; 3.7 GPA

FreeCodeCamp

## [Data Structures & Algorithms Cert](https://www.freecodecamp.org/certification/rckeller/javascript-algorithms-and-data-structures).

Received August 2018

## API Design and Microservices Cert.

Expected September 2018

## Data Visualization Certificate

Expected September 2018

Code Fellows

## Advanced Web Development

Completed January 2017

Skills

## Front-End Development

JavaScript ES7, React, Redux, Vue, Mithril, Handlebars, EJS, Pug (Jade)

## Data Visualization

D3.js and React-Vis / React D3, Victory, Recharts, amCharts, Leaflet

## Back-End Development

Golang, Ruby, NodeJS, Express, Koa, Feathers, Restify, Adonis, Micro

## Web Application Build Infrastructure

Babel, Webpack, Rollup, Gulp, SASS, LESS, CSS Modules, Code Splitting

## Web Quality Assurance Testing

Mocha & Chai, Jest & Enzyme, Sinon

## DevOps & Continuous Integration

Puppet, Ansible, Jenkins, Docker, ECS

## Database Administration

MySQL, Postgres, MongoDB, Firestore, Redis, GraphQL & Apollo

## IT Service Management

Project Management, Systems Design & Integration, Incident Management