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.
* Developed security infrastructure and event management (SIEM) web applications and automated incident response platforms.

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

T-Mobile

## Security Engineering Co-Op 2018

* Design and implement micro-segmentation strategies, including proofs of concept capable of scaling to support 14,000 nodes within heterogenous environments - premises, cloud, and virtualized.
* Research emerging solutions for security infrastructure automation.

Technologies: *Software Defined Perimeter, VMware NSX, CyberRange*

## DevOps Engineering Co-Op 2017 - 2018

* Automate continuous integration pipelines and provisioning of cloud “Infrastructure on Demand” using scripts and automation frameworks.
* Secure enterprise infrastructure by developing and automating the deployment of new security policies and hotfixes.

Technologies: *Puppet, Ansible, Ruby, Bash, vRealize Automation Suite*

University of Washington

## Full Stack Engineer 2017 - 2018

* Developed a bespoke IT project management web app used to select and grant $8 million in funding to nearly 100 campus projects annually.
* Redesigned the project proposal process to enhance data and financial integrity, enforcing security measures and financial auditing.

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

## Network Specialist 2016 - 2017

* Developed automation systems for automatically provisioning, deploying, and managing network infrastructure across the system.
* Introduced DevOps practices to network engineering, advocating for software defined infrastructure and cross-functional collaboration.

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

Anticipated Graduation: June 2019

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

Technical Proficiencies

## Front-End Development

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

## Back-End Development

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

## Web Application Build Process

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

## Quality Assurance Testing

Mocha, Jest, Enzyme, Bundle Analysis

## DevOps & Continuous Integration

Puppet, Ansible, Jenkins, Docker, ECS

## Database Administration

MySQL, Postgres, MongoDB, Redis, GraphQL & Apollo

## Cybersecurity & Risk Assurance

Application Security, Penetration Testing, Enterprise Risk Analysis, Threat Modeling

## IT Service Management

Project Management, Systems Design & Integration, Incident Management

## Data Analytics

Data Visualization, Qualitative Analysis, A-B Testing, Machine Learning (w/ SciKit)