

# Winston Frick

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## Education

### University of Virginia, School of Engineering and Applied Sciences

- BS, Computer Science
- GPA: 3.7. CS GPA: 3.95, Dean's List

Charlottesville, VA

May 2019

### Benedictine College Preparatory

- Salutatorian

Richmond, VA

May 2015

## Related Experience

### Microsoft

Software Engineer, Commercial Software Engineering

Seattle, WA

August 2019

Software Engineer, Intern

May – August 2018

- Extended a Yeoman scaffolding generator to support a Kubernetes CI/CD Pipeline
- Lead a team through DevOps challenges that interacted with Jenkins, Kubernetes, and Selenium
- Worked in team environments to whiteboard technical solutions and analyze various scenarios for customers
- Implemented technical solutions with customers inside their codebase

### CloudHealth Technologies

DevOps Engineer, Intern

Boston, MA

May - August 2017

- Leveraged AWS Infrastructure Tags to dynamically send out alerts to specific Engineering teams
- Scripted to detect and remove unused infrastructure to cut Cloud costs (bash, ruby)
- Refactored the company's disk usage monitoring methods to add enhanced features
- Leveraged services such as AWS, Chef, Jenkins, and Terraform for daily tasks
- Led code design reviews to enable a system to routinely rotate DB User Credentials

### University of Virginia - Computer Science Department

CS 4501: Internet Scale Applications

Charlottesville, VA

Jan – May 2019

- Aided student's understandings of modern web application architectures
- Hosted office hours and graded weekly projects
- [Course material](#)

CS 2150: Programs & Data Representation Teaching Assistant

August – May 2018

- Facilitate student's understandings of data structures & basic algorithms
- Hosted office hours and lab sections to aid implementations of data structures in C++

CS 1110: Introduction to Programming Teaching Assistant

August – May 2017

- Hosted office hours and lab sections to assist students with Python programming
- Covers intro topics from conditionals and logic to web parsing and regular expressions

### Capital One Financial Services

Cloud Engineer, Intern

Richmond, VA

May - July 2016

- Engaged in the development, design, and coding of prototype Alexa Skills
- Developed and published Amazon Alexa skills using Node.js, Lambda, and AngularJS
- Actively participated in agile methodology

## Skills

### Languages/ Frameworks

- Python, Django, Node.js, C++, Bash, C#, Java, Ruby, C

### Tools/ Services

- Git, Azure, Docker, Kubernetes, VSTS, AWS, Jenkins, Chef, Terraform, Travis-CI, Kafka, ElasticSearch, Spark, PagerDuty, DataDog

## Technical Projects

### Django Web Application

- Designed a three tier Django application that allowed users to order/ deliver beverages
- Utilized technologies such as Docker, Kafka, ElasticSearch, Spark, Travis-CI, DigitalOcean, and Selenium

### Alexa App Development

- Published AWS Alexa Skills leveraging Lambda: Air-Q, Wahoowa, College Football Trivia
- Won third place in the "Speak Up Challenge by ACloud Guru" with Air-Q

### Cloud Computing

- AWS IoT Button - "I miss you" written tutorial ([hackster.io](https://hackster.io))
- Cryptocurrency Price Checker written tutorial ([hackster.io](https://hackster.io))