Winston Frick

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Education

University of Virginia, School of Engineering and Applied Sciences   **Charlottesville, VA**
- BS, Computer Science   May 2019
- GPA: 3.65. CS GPA: 3.95, Dean's List

Benedictine College Preparatory   **Richmond, VA**
- Salutatorian   May 2015

Related Experience

Microsoft Corporation   **Seattle, WA**
Software Engineer, Intern   May 2018 - Present
- Extended aYeoman scafolding generator to support a Kubernetes CI/CD Pipeline

CloudHealth Technologies   **Boston, MA**
DevOps Engineer, Intern   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   **Charlottesville, VA**
CS 2150: Programs & Data Representation Teaching Assistant   August 2017 - Present
- Facilitate student's understandings of data structures & basic algorithms
- Host 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   **Richmond, VA**
Cloud Engineer, Intern   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 particpated in agile methodology

Skills

Languages/ Frameworks
- Python, Django, C++, Node, Java, Bash, Ruby, CSS/HTML, C

Cloud Computing
- Certified AWS Solutions Architect

Tools/ Services
- Git, AWS, Jenkins, Chef, Docker ,Terraform, Travis-CI, Azure, 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)
- Cryptocurrency Price Checker written tutorial (hackster.io)

Extracurricular

Greek Life: Phi Kappa Psi   **Charlottesville, VA**
Vice President   April 2017 - Present
- Implemented a committee system to increase brother involvement
- Actively recruited guest speakers and organizations to give presentations
- Hosted weekly chapter meetings to discuss inter-fraternal news (with President)