

EDUCATION

University of Virginia

- *Bachelors of Science, Engineering Science*
 - *An interdisciplinary degree with a focus on computer science & applied mathematics*

University of the People

- *Masters of Education, Advanced Teaching*
 - *Expected Graduation December 2026*

RELEVANT EXPERIENCES

TEACHING ASSISTANT

FALL 2025

Campus

Remote

- Will begin a position as a Teaching Assistant at Campus for an intro-level computer science course, responsible for holding office hours, weekly lectures, and grading assignments.

SECURITY SOFTWARE ENGINEER

2024-MAY 2025

CLOUDFLARE

AUSTIN, TEXAS

- Responsible for approximately 3-8 pull requests a week for creating new features, deploying bug fixes, designing tests, and other software maintenance tasks for security software tool
- Applied basic data analysis and proactive data monitoring techniques to manage software usage, database memory among other issues
- Engaged with internal stakeholders in multiple weekly meetings regarding communications about new features and issues with current security tooling, while maintaining confidentiality and discretion.
- Responded to ad hoc requests from management regarding constantly updating security needs
- Tools used: Terraform, Go, Python, JS, REST APIS, Git, SQL, HTML/CSS

SOFTWARE ENGINEER

2022-2023

RAPID7

Austin, Texas

- Participated in a six-month rotation, contributing to a DevOps team focused on developing internal security protocols for SOC compliance
- Engaged in a six-month rotation as an active member of a software development team dedicated to maintaining and enhancing Java REST API Services.
- Played a key role in the design, development, testing, and initial release of an internal security auditing tool utilizing Python.
- Effectively managed and resolved complex software issues reported by customers in a prompt manner, ensuring the timely deployment of necessary software patches.
- Proficiently managed and configured AWS cloud infrastructure utilizing Terraform.
- Continually developed cloud engineering and software development skills via blog posts and tutorials.
- Technology used: Terraform, Python, Java

RPA (ROBOTIC PROCESS AUTOMATION) SPECIALIST

SUMMER 2021

Sirius-XM

Remote

- Led oversight and development of an automation process using UiPath, achieving over \$100,000 in annual cost savings.

SABRINA FULLER

Phone: 804-787-3352

Email: sf8ez@virginia.edu

Charlottesville, Va

- Scoped business requirements and outlined workflows for new and potential automation processes.
- Collaborated with internal stakeholders to identify and prioritize RPA projects based on potential cost savings and efficiency improvements for SiriusXM.
- Identified and implemented additional RPA opportunities to optimize business processes, reduce operational costs, and drive continuous improvement for SiriusXM.

STEM TUTOR

SY 2018 -2019

John Tyler Community College Academic Resource Center

- Tutored 30-50 students weekly on a walk-in basis in Computer Science, Mathematics, Statistics, Information Technology, Chemistry, and Physics
- Assisted in the development study groups for students in STEM subjects to improve understanding and retention of course material
- Developed and delivered workshops several times per semester regarding study skills and time management techniques to help students excel in STEM subjects.
- Collaborated with faculty to develop and implement innovative tutoring strategies to enhance student learning and success in STEM subjects.
- Utilized effective communication techniques to establish a positive and supportive learning environment for students. Resulting in 2019 Excellence in STEM tutoring award

STUDENT RESEARCH ASSISTANT

SUMMER 2019

GEORGIA TECH

ATLANTA GA

Researched Machine Learning methods to identify PDEs

TEACHING ASSISTANT

SY 2020 -2021

University of Virginia, Computer Science Department

- Designed weekly lessons and learning materials for students software engineering tools
- Created over 5 short video lectures and tutorials on technologies such as Git, Markdown, Python Notebooks
- Held weekly office hours to assist students with the materials

SKILLS

- Strong programming experience with Go, Java, Python, R, HTML/CSS, SQL, EXCEL
- Experience with JIRA, Trello, Notion and other project management software.
- Experience with data visualization and statistical analysis techniques and QGIS
- Experience and mastery with Microsoft Office Suite, Google Office, Microsoft Teams
- Experience with AWS and Cloudflare Cloud technologies and tools
- Customer service experience as a STEM tutor, and other service roles