

Education

- University of North Carolina at Chapel Hill
- Major: Computer Science
- Graduation: May 2020

Experience

Capital One

June 2019-Present

Senior Associate- Audit Tech

- Released an internal audit application using graph databases to assist risk assessment
- Created AWS architecture, Docker containers, and CICD pipeline for application and ETL processes
- Coordinated with multiple data providers and ensured data integrity and fault resilience in all environments
- Worked with business leaders to refine products for end user needs

Associate TDP - Finance Tech

- Maintained and enhanced an internal financial reporting application serving hundreds of users
- Integrated third party libraries and tools such as Ag-Grid and Liquibase
- Designed recursive data structure for pivot analysis
- Enhanced query performance time and added pagination functionality

Software Engineering Intern

- Implemented machine learning library to facilitate speech diarization microservice
- Used D3.js library to display different speakers in waveform graph
- Engineered cloud architecture in AWS to support compression and decompression of audio files

Sunbird Systems

October 2018-April 2019

Test Automation Intern

- Developed DCIM automated tests in RSpec rest suite through Capybara
- Built new logic to boost efficiency and reliability of automation

Fayvor

September 2018-December 2018

Computer Science Intern

- Created and maintained cloud infrastructure on AWS including RDS and CodeCommit
- Implemented software architecture standards, source control, and deployment

Skills

- Proficiency in Java, Python, C, HTML, ASP.NET, Angular JS, CSS, SQL, Selenium, Ruby
- AWS Solutions Architect Certified
- Experienced with REST and SOAP APIs, microservices, agile development process