

Education

Drexel University
Bachelor of Science in Software Engineering
Cumulative GPA: 3.83; Dean's List

Philadelphia, PA
June 2020

Experience

Comcast Corporation
Software Engineer

Philadelphia, PA
April - September 2019

- Assisted with the development of an internal data mart tool used by several Comcast teams
- Created RESTful APIs using Spring Boot to add additional functionality to the application
- Developed and maintained UI pages in Angular to allow users to interact with the APIs
- Restructured the team's logging system using RSyslog to provide a central logging server

National Board of Medical Examiners
Infrastructure Services Analyst

Philadelphia, PA
April - September 2018

- Created and updated data pull/analysis software in Python 3 using REST web services and web scraping
- Utilized ServiceNow's REST API to generate and distribute weekly agendas regarding pending change requests
- Wrote software which automated the creation of large, well-formatted Excel documents from pulled data
- Developed programs that implemented CRUD techniques with ServiceNow task tickets

National Board of Medical Examiners
PC Support Assistant

Philadelphia, PA
April - September 2017

- Deployed software using Microsoft's System Center Configuration Manager
- Established a system for powering on remote machines using WakeOnLAN to simplify mass updates
- Provided technical support for over 700 machines using ServiceNow's ticketing system
- Researched and proposed a replacement meeting planning software for the organization

Projects

Study Buddy (Senior Project)
Full Stack Developer

Drexel University
September 2019 - Present

- Worked with a team of students in the development of a web application hosted and powered by Amazon Web Services
- Developed back-end functions using AWS Lambda served over a RESTful API Gateway
- Assisted in the development of the web client created using Angular and hosted in an AWS S3 Bucket
- Created and trained a text classification machine learning model using AWS SageMaker

Eagle Scout Project
Project Manager

Mountainhome, PA
October 2014 - June 2015

- Led a team of 17 Boy Scouts in the development of a wedding venue outside my local district courthouse
- Constructed a stone paver pathway leading to a gazebo complete with benches and a garden
- Conducted fundraising to gather necessary funds and resources for the project
- Presented the finalized project to the Eagle Board of Review to receive the rank of Eagle Scout

Skills

Python; Java; JUnit; C++; C#; C; HTML; CSS; JavaScript; TypeScript; RESTful; JSON; Bash; Powershell; Swagger
Spring; Spring Boot; Spring Data; MongoDB; MySQL; ElasticSearch; Ansible; Jenkins; Angular; Bootstrap; RSyslog
Amazon Web Services; Lambda; API Gateway; S3; Amazon SageMaker; EC2; IAM; CloudWatch
Anaconda; Visual Studio; Eclipse; Git; Slack; Word; PowerPoint; Excel