

+ employment

Deutsche Bank

Software Engineering Intern

June 2019 to Aug. 2019

Corporate Title: Technology Analyst Intern

Team: Corporate and Investment Banking

Domain: Global Transaction Banking (Global Receipt Processing Platform)

- Built micro services for Global Receipts Processing Platform using React and Spring Boot (Java)
- Built interactive and comprehensive guide for development and testing environment setup including the usage of artifactory used by teams across multiple North America Offices resulting savings in millions
- Develop unit test for React using Enzyme and used JUnit for Unit Testing Java code along with Cucumber Test for UI testing
- Worked in Agile environment using tools like JIRA for issue/ticket management and Git for VCS
- Actively participated Sprint Planning with full capacity, story refinement and daily standup. Demoted the stories at the end of the sprint across multiple teams
- Performed Regression, Sanity and Smoke test regularly and used CI tool like TeamCity
- Used Swagger to generate Swift Messages from XML and test API endpoints

Architecture Technology Corporation

Ithaca, NY

Software Engineering Co-Op

Aug. 2018 to Dec. 2018

- Deployed virtual networks and scripted cybersecurity scenarios on cloud platform for electrical grid industry from scratch
- Created a network consisting of SCADA Servers and Industrial Control System (ICS) running protocols like ModBus, DNP3 and consist of HMI Clients, ICCP
- Developed programs using Python resembling attacks on electrical grids such as Stuxnet, BlackEnergy and Havex
- Incorporate Electric SCADA Network with Segregated Corporate and DMZ Network
- Deployed Firewalls, DHCP Server, NAT Rules using Pfsense and VyOS
- Developed scripted response for attacks on electrical grid station saving millions of dollars in an event of assault

Perfection Laser

New York, NY

Software Engineering Intern

May 2017 to Aug. 2017

- Built Django application using Python resulting in a system that gets an accurate sample of the product for the client with price and features
- Developed optimized trading tool using Java and Android Studio to ensure on-time alert and update for automated trading of cryptocurrencies
- Created responsive website for the company based on React, Node.js consisting of User Dashboard, Poll and Contact

+ projects

Nearest Shelter (Java, Google Map API, Redcross API, Android Studio)

June 2017 to Current

- Developed Android app using Java and Android Studio to locate of nearest emergency shelters
- Integrated Redcross API to to locate nearest shelter
- Used Google Map's API visually represent shelter
- Enabling user to suggest location of shelter. Using the community review, the suggested location will be displayed as a recommended shelter

Bill Splitter (React Native, Google Cloud Vision API)

Aug. 2017 to Current

- Developed mobile application in cross-platform using react native
- Implemented OCR with Google Cloud Vision API to detect the letters in the receipt (Python Backend)
- User authentication using Google Firebase Authentication SDK
- Integrated Venmo (Braintree), Square API with the application to split bills with friends and family right from the app
- Currently building Web Application using ReactJS

+ summary

Software Development enthusiast with a particular interest in improving user experience along with security.

Relevant Courses: Mechanics of Programming, Introduction to Software Engineering, CS Theory, CS I, CS II, Analysis of Algorithm, Principles of Data Management

+ education

Rochester Institute of Technology

B.Sc Computer Science 2021

Minor Computer Security

+ skills

PROGRAMMING SKILLS

Python

Java

HTML5

C

Javascript

React Native

ReactJS

Bootstrap

Angular

Bash

Flask

DEVELOPER TOOLS/AREA

Git

JIRA

BitBucket

VIM

Jetbrains' IDE

VS Code

Kali Linux

Pen-Testing

OpenVPN

Virtual Machine

Selenium

Cucumber

Enzyme/JEST

+ activities

RITficial Intelligence · Treasurer/Webdev Lead

- Moderating the Freshman/Beginner's group who are interested in learning Artificial Intelligence, Machine Learning, Deep Learning, etc.
- Coordinating and contributing in the website development of the club using Bootstrap
- Design and implement new strategies to attract new members to the club
- Directing and providing resources to the members interested in different branch of the club like GameAI, Image Processing, Natural Language Processing
- Managing financial concerns of the club
- Collaborate with other clubs of RIT in projects and events by establishing relationship