

EDUCATION

Rochester Institute of Technology

Fall 2021

B.Sc Computer Science

Relevant Courses: Mechanics of Programming, Intro Software Engineering, CS Theory, Analysis of Algorithm, Principles of Data Management, Programming Language Concept, Intro to AI

EMPLOYMENT

DEUTSCHE BANK

Software Engineering Intern

Summer 2020, Summer 2019

Corporate Title: Technology Analyst Intern

Team: Global Transaction Banking (Global Receipt Processing Platform) - CIB

- Built micro services for GRP Platform handling Depositary Receipt transactions using React and Spring Boot (Java)
- Used Swagger to generate Swift Messages (MT544, MT540) from XML and test API endpoints
- Worked in Agile environment using tools like JIRA for ticket management and Git for VCS
- Performed Regression, Sanity and Smoke test regularly and used CI tool like TeamCity
- Built interactive onboarding guide for dev-test environment setup used by teams in EMEA-America saving 20+ hours/person and increasing overall initial efficiency by 8.3%
- Won 1st Position in Intern Project for implementation of Sentiment Analysis tool for CryptoCurrency Prediction made using TextBlob, Twitter API, CryptoCompare API, Sci-Kit, Flask

ARCHITECTURE TECHNOLOGY CORPORATION

Software Engineering Co-Op

Fall 2018

- Deployed virtual networks and scripted cybersecurity scenarios on cloud platform for electrical grid industry from scratch
- Deployed network with SCADA Servers and Industrial Control System (ICS) running ModBus, DNP3 and HMI Clients, ICCP
- Developed programs in Python resembling attacks on electrical grids e.g Stuxnet, BlackEnergy & Havex w/72%+ accuracy
- Deployed Firewalls, DHCP Server, NAT Rules using Pfsense and VyOS
- Developed scripted response for attacks on electrical grid station saving millions of dollars ensuring 80%+ uptime

PERFECTION LASER

Software Engineering Intern

Summer 2017

- Built REST API with Django showing personalized customer subscription plan
- Developed Android app for crypto-trading with automated trading maximizing profit
- Deployed responsive web app on AWS EC2 using React, Node.js consisting of Dashboard, Poll and Contact

PROJECTS

NEAREST SHELTER (JAVA, GOOGLE MAP API, REDCROSS API, ANDROID STUDIO)

Summer 2017 to Current

- Developed Android app using Java and Android Studio to locate of nearest emergency shelters
- Integrated Redcross API and Google Map API for locating shelters
- Crowd sourcing emergency shelter location and recommending them based on review

BILL SPLITTER (REACT NATIVE, GOOGLE CLOUD VISION API)

Fall 2017 to Current

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

SKILLS

PROGRAMMING SKILLS: Python, Java, HTML5, C, Javascript, React Native, ReactJS, Bootstrap, Flutter, Angular

DEVELOPER TOOLS/AREA: Git, JIRA, BitBucket, VIM, JetBrains' IDE, VS Code, Kali Linux, Virtual Machine, Selenium, AWS

ACTIVITIES

RITFICIAL INTELLIGENCE · Treasurer/Webdev Lead

- Moderating the Freshman/Beginner's group who are interested in learning Artificial Intelligence, Machine Learning, Deep Learning
- Directing and providing resources to the members interested in different branch of the club like GameAI, Image Processing, NLP