NAVID **NAFIUZZAMAN**

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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 handing 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**
- Build 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 for locating shelters
- 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)   **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
- Coordinating and contributing in the website development of the club using Bootstrap
- Directing and providing resources to the members interested in different branch of the club like GameAI, Image Processing, NLP