navid nafiuzzaman

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✚ summary

Software Development enthusiast with a particular interest in improving user experience along with security seeking an internship opportunity to get hands on experience in the field. Check out my projects in my github profile linked on this resume. (mxnavid)
Availability: May (2019) - August(2019)
Relevant Courses: Mechanics of Programming, Introduction of Software Engineering, CS Theory, CS I, CS II, Probability & Statistics, Discrete Math, Calc I & II, Linear Algebra

✚ employment

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
- Implemented Site-to-Site and Road-Warrior VPN Model using OpenVPN allowing Corporate Clients securely to access the SCADA Network from remote location
- Developed scripted response for the attacks on electrical grid station saving millions of dollars in an event of an assault from malicious actors

TBN24   New York, NY
Software Engineering Intern   May 2018 to July 2018
- Developing Python Script which sort and manage the ethnic movie and content database on the basis of rating, year and popularity for storage and reproduction of media content
- Developed programs using TMDB API and Python to gather relevant information and populate the metadata of the existing media content
- Bug Testing on the Android and Web Application of TBN24 by keeping track in the JIRA
- Finding viable means of using the extracted data from customer for product enhancement
- Used Git for version control and work in an agile environment with daily stand-ups

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
- Worked with Jira, Trello and Git for version control in an agile environment

✚ projects

Nearest Shelter (Java, Google Map API, Redcross API, Android Studio)   June 2017 to Current
- Developed Android app using Java and Android Studio to show the location of nearest shelter during any natural disaster
- Integrated Redcross API to get the location of the nearest shelter
- Used Google Map API to show the visual representation of the closest 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)
- 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

✚ education

Rochester Institute of Technology
B.Sc Computer Science 2021
Minor Computer Security & Mathematics

✚ skills

PROGRAMMING SKILLS	DEVELOPER TOOLS/AREA
Python	Git
Java	JIRA
HTML5	BitBucket
C	VIM
Javascript	Jetbrains' IDE
React Native	VS Code
ReactJS	Kali Linux
Bootstrap	Pen-Testing
Angular	OpenVPN
Bash	

✚ activities

RITficial Intelligence ·   Feb. 2017 to
Treasurer/Webdev Lead   Current
- 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

✚ courses

Udemy ·Advanced Web Developer Bootcamp

Coursera · Machine Learning by Andrew Ng

✚ volunteering

Bholanondo Night School ·   July 2012 to
Computer Instructor   Nov. 2013
Sylhet, Bangladesh
- Teach computer skills to unprivileged children
- Provide hands-on experience in computer and hardware repair