Quazi Rabbi

Software Developer | Electrical Engineer | TensorFlow Certified

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Victoria, BC, Canada

Self-driven professional with ability to adopt any situation and always motivated to deliver challenging task with minimal supervision. Started working as an Electrical Engineer and later gained interest in Software Development and Data Science. Over 2-years of experience in developing reliable software using various languages, including Python.

Looking for a better opportunity in the field of Software Development, Data Science and/or IoT

Experience

Electrical Engineer-In-Training   01/2018 to Present
Shipstone Corporation   Victoria, Canada

- Developed and maintained portable and smart database management Windows system for a Canadian vision automation company's product line using PyQt toolkit, along with reporting and graph visualization applications and Plotly Dash Server - deployed in several plants for 1+ years
- Devised robust and fast JSON based Server/Client socket API to deliver gigabytes of structured data across several applications from database management application
- Over 2 years of experience in developing high quality software products with Python data processing and analyzing tools, such as Pandas, NumPy, Scikit and Matplotlib
- Maintained codebase revisions using Git and automated testing, building and releasing using Jenkins and Artifactory

Project

Covid-19 Analysis   04/2020 to Present
Shipstone Open-source Project   Victoria, Canada

- Modelled and plotted world mortality prediction using linear regression method in Python's Scikit module and Tableau

EngrManage   09/2019 to Present
Personal Project   Victoria, Canada

- Developing web-app platform for maintaining engineering and business information using Flask framework in Python

EEG Control System   05/2017 to 08/2017
Engineering Design Project, University of Victoria Victoria, Canada

- Successfully trained Scikit model to control a Remote-Control car by brainwave and blink strength

Cloud Messaging App - Android   04/2017
Personal Project   Victoria, Canada

- Designed internet messaging platform, including authentication and database system using Firebase

Part Sorting Conveyor Belt   01/2017 to 04/2017
Mechatronics Course, University of Victoria   Victoria, Canada

- Developed and optimized part-sorting algorithm, based on material and color, in embedded C language

Education

Bachelor of Engineering (BEng): Electrical Engineering
University of Victoria   September 2012 - December 2017

Certification

- TensorFlow Developer Certificate

Technical Skills

Computer Languages
Proficiency:
Python, SQL
Familiarity:
C/C++, Java
Operating System
Windows, Linux
Software Dev. Track and Test
Jira/Jenkins
Revision and Release Control
Git/Artifactory
Containerized Deployment and Networking
Docker
Cloud Computing
Firebase, AWS
Python Libraries
NumPy, Pandas, PyQt, Flask, Scikit
Database
SQLite, PostgreSQL
Automation System
Schneider Elec. and Allen Bradley
Industrial Controls
PLC, SCADA and HMI
Industrial Networking
LAN based process network

Interest

- Soccer (Football)
- FIFA (Video Game)
- Cooking
- Travelling

Language

- English
- Bengali