Md Shadman Tajwar Haque

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Education

University of Windsor, ON, Canada
Masters of Engineering – Electrical and Computer Engineering
June, 2020 – August, 2021 (Expected Program End)

American International University – Bangladesh (AIUB), Dhaka, Bangladesh
Bachelor of Science – Electrical and Electronics Engineering
August, 2014 – February, 2018

Publication

Design and Implementation of an IoT based Automated Agricultural Monitoring and Control System – 2019 International Conference on Robotics, Electrical and Signal Processing Techniques (ICREST) [Published: February 21, 2019]

Skills

- Python (NumPy, Matplotlib, Pandas, Seaborn)
- Machine Learning (Scikit Learn, Tensorflow, Keras)
- MATLAB
- Tableau
- SQL
- Excel

Interests

- Machine Learning
- Data Science
- Analytics

Experience

Programmer, C and T Home Care Limited, New York, NY, USA
January, 2020 – June, 2020
Primarily worked on the company website, QuickBase and multiple company documentation and reporting.

Service Assurance and Experience Technology Intern, Banglalink Digital Communications Limited, Dhaka, Bangladesh
May, 2018 – August, 2018
Analyzed and prepared reports on daily user complaints and numerous quality assurance data.

Projects

Carbon Emission Prediction
Based on a data-set of different car models created a machine learning model to predict future car model carbon emission.
Link: tajwar.ml/blog/post/Carbon-Emission

Drug Suggestion
Based on an IBM data-set on patient data, prepared a model using the Decision Trees Classification techniques to suggest drug based on patient information.
Link: tajwar.ml/blog/post/Drug-Suggestion

Flower Classification
Based on the IRIS data-set, created a model using the K-nearest neighbors techniques to classify flowers based on petal and sepal specification.
Link: tajwar.ml/blog/post/Flower-Classification