AKM SHAHARIAR AZAD RABBY

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Professional Summary

Full-time graduate student of the B.Sc. in Computer Science and Engineering at the Daffodil International University, Bangladesh. My topics of interest include Artificial Intelligence, Machine Learning, Deep Learning, Data Science, Computer Vision, NLP, Big Data, Healthcare and Sustainable Energy. One of my greatest strengths is my ability to make the conceptual practical to a computer program. Love to learn new things regularly that can help the world.

Work History

Teacher Assistant

Daffodil International University – Dhanmondi, Dhaka   09/2016 – 04/2018

Core Member

DIU NLP and Machine Learning Research Lab   09/2017 – Current

Course Teacher & Mentor

Play with Python – DIU computer programming club   01/2018 – Current

Skills

- Python, C, Java
- Machine Learning
- Keras, Tensorflow
- Front-end Development

- Data Science
- Deep Learning
- Php, Laravel, Django
- Database Management

Education

Bachelor of Science: Computer Science and Engineering   Current

Daffodil International University – Dhanmondi, Dhaka

Publications

- Bangla Handwritten Digit Recognition using Convolutional Neural Networks. (Best paper on IEMIS 2018)
- A Universal Way to Collect and Process Handwritten Data for Any Language*

- BornoNet: Bangla Handwritten Characters Recognition using Convolutional Neural Network*
- EkushNet: Using Convolutional Neural Network for Bangla Handwritten Recognition*
- A Potent Model to Recognize Bangla Sign Language Digits Using Convolution Neural Network*

    *(Accepted – ICACC 2018 – Elsevier preceding)

Projects

- Developed an Online GYM Management Website. (http://gymx.ga)
- Served as Lead Programmer on Database Management.
- Ekush: A multipurpose and multitype comprehensive database for Online Off-line Bangla Handwritten Characters (Largest Dataset of Bangla Handwritten Characters)
- Ishara-Lipi: The First Complete Multipurpose Open Access Dataset of Isolated Characters for Bangla Sign Language

Certifications

- Machine Learning (Coursera)
- Deep Learning Specialization (Coursera)
- Business Communication (Global Access Asia)
- A Crash Course in Data Science (Coursera)
- The COMPLETE Python Programming Course-Beginner to Advance (Udemy)

Voluntary Experience

- Souhardo
- UC Browser
- National Hackathon 2016

Reference

Prof. Dr. Sayed Akhter Hossain
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