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ASFIA KAWNINE

Skills

Programming Language:

Python	C
	C++

Libraries and Framework:

Tensorflow	Django Rest
Keras	Framework
OpenCV	Spacy
NLP Libraries	

Development Environment and Tools:

VS code	Github
Spyder	Microsoft
Jupyter	Azure
Notebook	DevOps
Google Colab	

Database:
MySQL Workbench
SQLite

Languages

English – C1(Proficient User)
Bangla – Native

Volunteer Experience

Seminar Secretary
IIUC-Computer Club

Summary

Back-end Software Developer specializing in AI engine and python framework. Experienced with NLP and Computer Vision based development along with rest-api generation. Well-versed with each steps of project management and open to new challenges.

Experience

Software Engineer - 12/2019 to Present
LEADS Corporation Limited, Dhaka-Bangladesh

- Developed Conversational AI (chatbot) using NLP modules.
- Structured and formed dataset to train NLP models.
- Complete detailed programming and development tasks for back end.
- Developed AI based recruitment system using different AI methods.
- Developed sign recognition system using Computer Vision techniques.

Researches and Projects

- An approach to access Air Quality using Deep Learning and BRB (Publication accepted in ADIP 2021 and Awarded as Best Presentation)
- Object Recognition using Federated Learning
- Traffic Sign Recognition using Convolutional Neural Network
- Smartphone controlled vehicle attaining Object Detection ability

Education

Bachelor of Science: **Computer Science and Engineering** - 2019
International Islamic University Chittagong, Bangladesh

Trainings & Certifications

Advance Training on Artificial Intelligence: By PUM Netherlands senior experts
Prototype Development Programmer: By National University of Singapore and LICT
Elements of AI: By University of Helsinki
Deep Learning Specialization: By Andrew Ng | Coursera
Tensorflow Developer Professional Certificate: By Laurence Moroney | Coursera

Achievements

BEST PRESENTER:
The 2021 Asia Digital Image Processing Conference (ADIP 2021)
PROGRAMMING CONTEST:
Best Female Programmer | Intra University Programming Contest
Runners-Up | IIUC-IEEE Programming Contest
HACKATHON:
Power and Energy Hackathon 2018 | Ministry of Power, Energy and Mineral Resources