Tasin Ishmam

Undergraduate student with software development experience currently conducting research in Deep Learning and Autonomous Vehicles

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📍 Dhaka, Bangladesh

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SKILLS

Deep Learning   Keras

Javascript   Python

Java   Matlab

NodeJS   LaTeX

Git   MongoDB

Android Development

PostgreSQL   C++

LANGUAGES

English
Full Professional Proficiency

Bangla
Native Speaker

COURSES

Data Structures

Algorithms

Numerical Methods

Statistics

Linear Algebra

Advanced Calculus

EDUCATION

Computer Science & Engineering
Bangladesh University Of Engineering and Technology
04/2017 – Present   *CGPA - 3.89*
Academic Achievements
- Ranked 5th in Department.
- Recieved 7 Scholarships of Merit from University.
- Deans List (Every Semester).

RESEARCH & PERSONAL PROJECTS

Neural Network to Detect 3D Objects in Point Cloud [Research, CNN, Computer Vision] (06/2019 – Present)
- We propose to create a 3D object detection system transferring learning from pre-trained 2D Image Detectors.
- Will be able to process Point Cloud data generated by LIDAR and 2D images from cameras to accurately predict centroid, orientation and bounding region of objects.
- Currently ongoing

MemeMaker - Image Editor & Media Gallery [Android Application, Java]
- In built image editor and caption generator.
- In built gallery to categorize, save and tag images.
- Images can be imported, modified and shared to other applications.

WORK EXPERIENCE

Software Developer (Part Time)
Symbl
11/2018 – Present
Software & Web Technology Company
Achievements/Tasks
- Developed Android application for a client company. Provided playstore release, management and analytics for the application. Application currently rated 4.8 on playstore. ↗
- Developed a Facebook Messenger Bot, Subscription News Service and Content Management System for a client using NodeJS. Automated & extended client's social media presence.

ONLINE COURSES & PROFESSIONAL DEVELOPMENT

Machine Learning by Stanford University - Coursera
Online course on Machine Learning & Neural Networks taken by Professor Andrew NG.

Youth Leadership Bootcamp - Bangladesh Youth Leadership Center (02/2017)
Residential workshop designed to teach students and young professionals about leadership & professional skills.

ACHIEVEMENTS

Winner – Idea Competition, BUET CSE FEST 2019
Designed a solution to reduce organic waste in dense urban areas by vermi-composting. Proposed novel waste collection mechanism and demonstrated profitability and return on investment within 4 years.

Second Runners Up – Hackathon on Cloud Computing, BUET CSE Fest 2019
Developed a chatbot that can search for songs and make recommendations based on your current mood. Made using ReactJS, Firebase and Amazon Rekognition.

Runners up – AI Competition, BUET CSE Fest 2018
Developed a bot that can play Bomberman. Made using Python.