Tasin Ishmam

Student

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

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SKILLS

Machine Learning

Android Development

NodeJS   Git

Linux   MongoDB

PostgreSQL   AWS

Heroku

HUMAN LANGUAGES

English
Full Professional Proficiency

Bangla
Native Speaker

PROGRAMMING LANGUAGES

Java   Javascript

Python   C   C++

LaTeX   SQL

Matlab

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 [CNN, Computer Vision]
- 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]
- Extended and modified open source project, adding additional features.
- Features: Image Editory and Caption Generator, Image Gallery for saving and organizing images and easy content sharing.

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.