

Tasin Ishmam

Undergraduate student with Web & Android Development experience. Interested in Machine Learning & Software Engineering.



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PROGRAMMING LANGUAGES

Java

Python

Javascript

C++

SQL

LaTeX

HUMAN LANGUAGES

English

Full Professional Proficiency

Bangla

Native Speaker

SKILLS & PLATFORMS

Machine Learning

Tensorflow

Keras

Web Development

NodeJS

Git

Android Development

Docker

AWS

Facebook Developer Platform

EDUCATION

Computer Science & Engineering

Bangladesh University Of Engineering and Technology

04/2017 – Present

CGPA - 3.89

Academic Achievements

- Ranked 5th in Department.
- Received 8 Scholarships of Merit from University.
- Deans List (Every Semester).

PROJECTS

Neural Network to Detect 3D Objects [Deep Learning, Computer Vision, Tensorflow]

- A novel framework that uses sensor fusion to analyze 2-D image data alongside 3-D LIDAR data to give accurate object predictions.
- Explored state of the art research on 3D Object Detection and implemented existing models and architecture in Tensorflow.

Compiler for a C like Language [Flex, Bison, C++]

- Language syntax is a subset of C.
- Generates Intel 8086 Assembly.
- Supports language constructs like functions, loops, conditions, arithmetic/logical operations, declarations etc.

WORK EXPERIENCE

Software Developer

Symbl

11/2018 – Present

Dhaka, Bangladesh

Software & Web Technology Company

Achievements/Tasks

- Developed back-end applications using NodeJS for Business Pages on Facebook. Products include - Customizable Chatbots, Subscription News Service and Facebook Page Analytics.
- Facebook application helped improve client's social media presence by maximizing user engagement and providing better analytics and data.
- Developed Android application for client. App used to promote communal harmony by demonstrating that all four major religions in Bangladesh preach the same message of peace and tolerance. [↗](#)

ORGANIZATIONS

IEEE Computer Society - BUET Student Branch (10/2019 – Present)

Member of Student Branch & IEEE Computer Society. Helped organize seminars on Web Development & IEEE events.

ONLINE COURSES & PROFESSIONAL DEVELOPMENT

Deep Learning Specialization - Coursera

5-course series on Deep Neural Networks, Image Recognition & Sequence Models. Instructed by Professor Andrew NG, Stanford University.

Youth Leadership Bootcamp - Bangladesh Youth Leadership Center (02/2017)

Residential workshop designed to teach students and young professionals about leadership & professional skills.

AWARDS & ACHIEVEMENTS

Winner - National Hackathon On Frontier Technologies 2020

Proposed and designed a comprehensive solution to monitor, identify and combat misinformation on online news portals. Demonstrated usage of technologies such as Natural Language Processing (NLP) and Blockchain.

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 NodeJS, Firebase and Amazon Rekognition.