

# Tasin Ishmam

Undergraduate student with Software Development experience currently conducting research in Autonomous Vehicles.



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## PROGRAMMING LANGUAGES

Java

Javascript

Python

C++

SQL

Matlab

LaTeX

## HUMAN LANGUAGES

English

Full Professional Proficiency

Bangla

Native Speaker

## SKILLS & PLATFORMS

Machine Learning

Tensorflow

Keras

Web Development

NodeJS

Git

Android Development

Linux

MongoDB

PostgreSQL

Heroku

AWS

## 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).

## RESEARCH & PERSONAL PROJECTS

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

- A novel framework to detect 3-D objects in real time.
- Using sensor fusion, analyzes 2-D image data alongside 3-D LIDAR data to give accurate object predictions.
- Currently ongoing.

MemeMaker - Image Editor & Media Gallery [ Android Application, Java ]

- Extended and modified open source project, adding extra features.
- Features: Image Editor 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 Messenger Bot & Subscription News Service using NodeJS in Facebook Platform. [↗](#)
- Chat application helped improve client's social media presence by maximizing user engagement and regular curated news updates on Messenger.
- Developed Android application that helps promote communal harmony by demonstrating that all four major religions in Bangladesh preach the same message of peace and tolerance. [↗](#)
- Supported playstore release and management for android application. Playstore Rating : 4.8

## ONLINE COURSES & PROFESSIONAL DEVELOPMENT

Machine Learning by Stanford University - Coursera

Online course on Machine Learning & Neural Networks. Instructed by Professor Andrew NG.

Complete Guide to TensorFlow for Deep Learning with Python - Udemy

Implementing basic neural networks, CNNs, RNNs, GANs and more using tensorflow. Instructed by Jose Portilla.

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 – 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.