

Md Shafiul Islam

R&D Engineer

A reliable and detailed-oriented individual, also a passionate problem solver looking to work as a software engineer.

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📖 stackoverflow.com/users/5187318/shaafi-shovon

EDUCATION

Bachelor of Science in Computer Science and Engineering

Military Institute of Science and Technology

01/2014 – 01/2018

Dhaka, Bangladesh

Higher Secondary School Certificate

Notre Dame College, Dhaka

06/2011 – 06/2013

Dhaka, Bangladesh

PERSONAL PROJECTS

One Good Deed (06/2020 – Present)

- Website link: <https://onegooddeed.today/>
- People can share their good deeds with others
- Built using react.js

Datasets Format Converter (01/2020 – Present)

- Converts XML annotations to YOLOv3 format
- Creates empty text file with the same name as the image name
- Built using Python

Uber Bill Downloader (03/2020 – Present)

- Downloads Uber Receipts of last month as pdf
- Built using python

WORK EXPERIENCE

R&D Engineer

CodeMarshal

11/2019 – Present

Dhaka, Bangladesh

Achievements/Tasks

- Built a face liveness detection based on eye blinking using opencv
- Built a NID(National ID Card of Bangladesh) type detector (old/new) with a 100% classification accuracy and 99.75% mean average precision using the Darknet framework.
- Built automatic identity extraction from ID cards using image processing and optical character recognition to extract the information given using tesseract 4.1 as base OCR library
- Built a Crowd Counting model using YOLOv3 and SCUT_HEAD dataset.
- Built a Head Detection model which achieved mAP(mean average precision) of 90% on SCUT-HEAD dataset

Software Engineer

Samsung R&D Institute Bangladesh

11/2018 – 10/2019

Dhaka, Bangladesh

Achievements/Tasks

- Worked as an iOS developer for a B2B Health Application(VeoSens) with the team who developed Samsung Health(iOS)
- Achieved SWC Professional Certificate second most prestigious programming competency certification inside Samsung globally
- In-team mentoring for Data Structures and Algorithms.

SKILLS

Algorithms

Data Structures

C++

Python

TensorFlow

Keras

Numpy

Pandas

opencv

iOS

Swift

Javascript

React.js

ACHIEVEMENTS

8th at ACM ICPC Dhaka Regional 2018

Team: UIU_Renegades

7th at NCPC aka Hackathon by BSCCL at UITS 2018

Team: United International University

9th at BUET IUPC 2018

Team: UIU_Renegades

13th at GUB IUPC 2018

Team: UIU_Renegades

14th IUBAT NCPC 2018

Team: UIU_Renegades

300th at Google Hash Code 2020 Qualification Round

Team: Globetrotters

ONLINE PROFILES

Codeforces

Max Rating: 1870

HackerRank

Max Rating: 2256

CodeChef

Max Rating: 2124

LightOj

Solved More than 350 Problems

CERTIFICATES

Machine Learning

<https://www.coursera.org/account/accomplishments/verify/B5ZNUM6EFTXB>

INTERESTS

Machine Learning

Deep Learning

NLP

Computer Vision

Competitive Programming

Web Development