# Md Shafiul Islam

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

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Dhaka, Bangladesh

github.com/shaft49

8801761543717

in linkedin.com/in/md-shafiul-islam-a34587107

stackoverflow.com/users/5187318/shaafi-shovon

### **WORK EXPERIENCE**

# **R&D Engineer**CodeMarshal

11/2019 - Present

Dhaka, Bangladesh

Achievements/Tasks

- Created a dataset for real vs fake faces and built a liveness detection model from a single static image using TensorFlow and Keras with an accuracy of 74%.
- 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 that achieved mAP(mean average precision) of 90% on the 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.

## **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

# **EDUCATION**

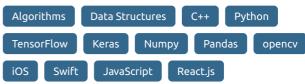
# Bachelor of Science in Computer Science and Engineering

Military Institute of Science and Technology

01/2014 - 01/2018 Dhaka, Bangladesh

**Higher Secondary School Certificate**Notre Dame College, Dhaka

# SKILLS



#### **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 5

Team: UIU\_Renegades

123rd at FaceBook HackerCup 2020 Qualification Round 
ID: Shaafi Shovon(shaft)

#### ADDITIONAL EXPERIENCE

HackerRank (12/2018 - Present) 
Problem Setter for HackerRank Work.

Bangladesh Association of Problem Setters (BAPS) (06/2019 - Present)

Problem Setter for different onsite contests held in Bangladesh.

#### **ONLINE PROFILES**

codeforces.com/profile/mechanic 🗹

Max Rating: 1870

hackerrank.com/shaft 🗹

Max Ratina: 2256

codechef.com/users/shaft 🗹

Max Rating: 2124

medium.com/@md.shafiul.islam.ofcl I often write here.

## **CERTIFICATES**

https://www.coursera.org/account/accomplishments/verify/B5ZN UM6FFTXB

06/2011 - 06/2013

Dhaka, Bangladesh