

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

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🌐 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

06/2011 - 06/2013

Dhaka, Bangladesh

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

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 Rating: 2256

codechef.com/users/shaft 

Max Rating: 2124

lightoj.com/volume_userstat.php?user_id=18255 

Solved More than 350 Problems

medium.com/@md.shafiul.islam.ofcl

I often write here.

CERTIFICATES

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