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

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

github.com/shaft49

📱 8801761543717

🌐 shaft49.github.io

Ⓢ live:shaft2294

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` `SQL` `Git`

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