Md. Shalahuddin

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✉ About

- Studying CSE in Military Institute of Science and Technology (current cgpa 3.6 up to level 4 term 1).
- Have expertise at data structures and algorithms.
- Solved a lot of problems in competitive programming.
- Have interest in machine learning and data science.

◔ Competitive Programming Experience

- Attended over **8** onsite contests including **ACM-ICPC** regional along with various online contests.
- Solved Over **800+** problems in different online judges.

◔ Competitive Programming Profiles

- Vjudge - https://vjudge.net/user/fahad462
- Codeforces - https://codeforces.com/profile/Shanto462
- UVA - https://uhunt.onlinejudge.org/id/838579
- HackerRank - https://www.hackerrank.com/shalahuddinshan1

⚙ Skills

Programming Skill: **Algorithm**, **Data Structure**, **Problem Solving**, Machine Learning
Programming Language: **C**, **C++**, C#, **Java**, Python, R
Database: **Oracle SQL**, MySQL, Firebase
Tools/Frameworks: **Laravel**, Tensorflow, OpenCV, Android Studio

🎓 Education

Military Institute of Science and technology
Computer Science and Engineering
- 2016 – 2019
- CGPA: **3.6** (up to level 4 term 1)

⚗ Projects

Sign Language Interpreter
- This is a two end communication for normal and mute people. One end takes the video stream and translates the sign gesture into text or voice. Another end takes voice as input parse it to a video of sign gestures.
    - **Technology/Tools:** Python, Tensorflow, OpenCV, CNN, SVM
    - **Github Link:** https://github.com/fahad462/Sign-Language

Flappy Bird

> An implementation of Popular Flappy Bird Game.

- * **Technology/Tools:** C#
- * **Github Link:** https://github.com/fahad462/FlappyBird

JMessenger

> A java implementation of raw socket based messenger for sending text, files, media and emote in a local network.

- * **Technology/Tools:** Java, JSwing, socket
- * **Github Link:** https://github.com/fahad462/messenger

A website and database for Bangladesh protibondhi kollan shongstha (BPKS)

> We designed a database and website for disabled peoples of BPKS

- * **Technology/Tools:** Laravel, Oracle SQL, HTML, Ajax, Jquery, CSS
- * **Github Link:** https://github.com/fahad462/BPKS1

Mess management system for Bangladesh Air force

> We designed a database and website for messing system of Bangladesh Air force.

- * **Technology/Tools:** Laravel, MySQL, HTML, Ajax, Jquery, CSS
- * **Github Link:** https://github.com/fahad462/BAFMessSystem

Shohay

> This is an android app which aims to give home cleaning, barber and laundry services as the way of pathao or uber.

- * **Technology/Tools:** Android Studio, Google Services Framework
- * **Github Link:** https://github.com/fahad462/shohay

Gender Detection from Voice data

> Currently working with ROBI Axiata limited to recognize gender from voice sample Data and converting audio to text to understand the need of the customer.

- * **Technology/Tools:** Python, R, Tensorflow, Machine Learning Algorithms
- * **Github Link:** https://github.com/fahad462/Gender_Recognition_from_voice_ML

Experience

- Intern at LinkVision Software Limited

  > Learnt about web development and design

  > Experienced about corporate environment