



M Shahir Rahman

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PERSONAL DETAILS

A versatile and enthusiastic CSE graduate with a commitment to and experience of developing innovative and creative developing solutions.

EDUCATION

Military Institute of Science and Technology)

Computer Science and Engineering(CSE)

2015-2019

Bachelor of Science (B.Sc.)

CGPA: 3.38/4.00

Dhaka City College

2012-13

Higher Secondary School Certificate

GPA: 5.00/5.00

Monipur High School and College

2011-12

Secondary School Certificate

GPA: 5.00/5.00

PROJECTS

Digital Agriguide

2019

Technology/Tools: Android Studio, Firebase, Arduino Mega, NodeMCU

Its an integrated hardware and software interface designed as a guide for farmer providing related informations like weather details, early flood warnings, land and irrigation information etc. It also provides remote control over farming equipments like pump, sluice gates etc.

Github Link: <https://github.com/shahir099/AgriculturalGuideNew>

Book Your Meal

2017

Technology/Tools: Android Studio, Firebase

Book Your Meal' is a Restaurant Reservation Android Application in Bangladeshi market which will allow its customers/clients to access and book restaurants of their choice-prior visiting the place including the order of the foods if required.

Github Link: <https://github.com/shahir099/BookYourMealAndroid>

Multi-Channel Approach Towards Digitizing the Land Management System of Bangladesh

2018

Technology/Tools: Laravel, Oracle

A project to develop a digital database prototype with a target to transfer the paper-based land management system of Bangladesh to a digital system.

Framework For Intelligent Agent To Manage Network Design And Maintenance

2019

Technology/Tools: Unity, Vuforia

We are developing an android application which will help any server room maintenance operator to manage the servers. This will increase the effectiveness of the operator and reduce server-side errors.

Helmet controlled Bike

2018

Technology/Tools: Atmega32 microcontroller, Accelerometer Sensors.

This project is an Atmega32 micro-controller driven helmet that allows bikers to start his motorbike if he/she wears the helmet. This will increase the safety of the bikers and reduce the rate of accidents.

The moment of truth: Albert Einstein

2019

Technology/Tools: Blender

A graphics project that shows the conversation between Einstein and his friend Michele about the theory of relativity which proves that time is not absolute.

Research Interests

Augmented Reality, Database Management System, Artificial Intelligence

SKILLS

<i>Languages</i>	C++, C, Assembly 8086, Java, Laravel
<i>Software</i>	ANDROID STUDIO, MATLAB, BLENDER, UNITY 3D
<i>Database</i>	Firebase, Oracle, SQLite

RESEARCH WORKS

Multi-Channel Approach Towards Digitizing the Land Management System of Bangladesh

2018

Supervised by:

MD. Mahboob Karim, Professor, Department of CSE, MIST;

Sanjida Nasreen Tumpa, Lecturer, Department of CSE, MIST

We worked on a digital database prototype with a target to transfer the paper-based land management system of Bangladesh to a digital system. The research paper was published in IEEE WIECON ECE 2018

Framework For Intelligent Agent To Manage Network Design And Maintenance

2019

Supervised by:

Prof. Dr. Syed Akhter Hossain, Head, Department of Computer Science and Engineering, Daffodil International University;

Istiaque Ahmed, Lecturer, Department of CSE, Daffodil International University

EXPERIENCE

Solution Art Limited

Industrial Training · 3 December, 2017 – 24 December, 2017

H#1333 (2nd Floor) Avenue 02A, R#13 DOHS Mirpur, Dhaka 1216, Bangladesh

Other Interests

- Problem Solving
 - (Codeforces handle: shahir, max rating 1391, Pupil)
- Reading (Novels, Fiction, Blogs)
- Travelling
- Watching Movies

References

- Github: <https://github.com/shahir099>
- Portfolio: <https://shahir099.github.io/>