Ekram Hossain

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About me

Self-motivated programmer with enthusiasm for system level software development and research. Always looking forward to learn new technologies and use them to solve real life problems. Have profound interest into machine learning, data science and big data. Currently trying to build applications based on these to solve some human centric real-life problem. Also possesses a mindset for being innovative, sincere, hardworking, and communicative and team worker.

Key Skills

Programming Language : Java (OOP) – **Skilled ,** R - **Familiar ,**
Matlab – **Familiar,** C,C++ **- Moderate**

Software Design Patterns: Familiar with basic GoF patterns

Scripting Language : Javascript – **Familiar**

Database: MySql - **Familiar ,** Oracle - **Familiar**

Markup Language : CSS - **Moderate**, HTML - **Moderate**

Framework : Spring – **Familiar.**

Framework application : Wordpress – **Familiar.**

VCS : Git – **Familiar**

Mobile Development : Android **- Familiar**

Fields of Interest (Priority base)

- ☐ Web Application Development
- ☐ Mobile Application Development
- ☐ Research
- ☐ Big Data

Awards and Achievements

- ✓ **Champion in Therap Javafest 2014**

  Team: The Escapists

- ✓ **Champion in National Developer conference**

  Team: Team Omlet.

- ✓ **Fourth at Eatl app contest 2014**

  Team: Team Purity.

Projects

- ✓ **Android Applications :** Hajj Wizard

- ✓ **Game Using OpenCV**
  Concept: Prototype of "Cut The Rope" game.
  Programming: C,OpenCV

- ✓ **Bank Management System**
  Concept : A simple banking system with little functionality
  Programming : Java
  Database : MySql

- ✓ **Student Result Management system**
  Concept: Teachers and students maintain their course activities.
  Programming: JSP, Servlet MVC Framework.
  Database: Oracle

- ✓ **E-commerce web application using Spring Framework**
  Programming : Java
  Database : Mysql

- ✓ **TeachSpeech**
  Programming: Javascript , HTML.
  Concept: TeachSpeech, is a platform independent online web application for interactive speech therapy.

- ✓ **Bus Kothay**
  Concept: To find out the position of bus in run time.
  Course: Human computer Interaction.

- ✓ **Dan-Bam**
  Concept: To make sure safety when cyclist take a turn in road.
  Course: Human computer Interaction.

Thesis Project

Activity Tracking and Fish Species Identification from Underwater Video.
Our research work is accepted at the 5th International Conference on Informatics, Electronics & Vision (ICIEV2016)

Scholastic Records

Exam	Subject	University/Board	Passing year	CGPA/GPA
B.Sc	CSE	University of Dhaka	2016	3.58
H.SC	Science	Dhaka	2010	5.00
S.S.C	Science	Dhaka	2008	5.00

Lingual Competency

Good communicative competency in English, Bengali.

Interests and Activities

Programming, implementing new ideas, product designing, gossiping, watching TV series.

References

Amin A Ali, PhD
Assistant Professor
Dept. of Computer Science & Engineering
University of Dhaka

Dr. Hafiz Md. Hasan Babu
Professor and Chairman,
Department of Mechatronics Engineering, University of Dhaka and
Former Professor and chairman,
Department of Computer Science and Engineering, University of Dhaka.