Ifta Noor Mahmood

+88 01767 692072 • ✉ adorgolap@gmail.com
iftalab.herokuapp.com/

Career Objective

I am an enthusiastic, skilled and knowledgeable computer engineer seeking to establish myself as an expert software developer in challenging positions of IT sector with extensive skills in software development and mobile application.

Academic Qualification

Bangladesh University of Engineering and Technology (BUET)   **Dhaka**
BSc, Computer Science and Engineering   *2011–2016*
CGPA - *3.68/4.00*

Jessore Cantonment College   **Jessore Board**
HSC, Science Group   *2008-2010*
GPA - *5.00/5.00*

Jessore Zilla School   **Jessore Board**
SSC, Science Group   *2006-2008*
GPA - *5.00/5.00*

Skills

Programming Languages: Java(Expert), C(Expert), C++(Good), PHP(Prior experience), Assembly(Prior experience), Python(Prior experience), Swift(Prior experience)

Web Technology: HTML, CSS, Javascript, Bootstrap

Databases: SQLite(Expert), ORACLE, MySQL, SQLite, Postgres

Frameworks: Android(Expert), iOS(Prior experience), OpenGL(Good)

Cloud Service: Parse, Parse Server, Heroku, Backendless, Back4App

Research Experience

Title: *An Iris Template Database Design for Efficient Handling of Pupil Size Problem.*

Supervisor: Prof. Dr. Md. Mahfuzul Islam

Description: Undergraduate thesis

The traditional template database system for iris recognition system faces difficulties with the normalization of pupil dilated or constricted eye images and takes high order of time complexity to normalize and match. In this research an efficient template database model is proposed to minimize the time complexity with the help of biomechanical model.

Languages

Bengali: Excellent   *Mother tongue*
English: Good   *Fluent in reading and writing*

Projects

E-learning Software   **Java (SE)**

Achievement - Secured 95% marks   *Academic project*

An e-learning software for children. Helps children learn through playing.

Auti Aid   **Android**

Achievement - Placed in the best 7 projects among 60 teams   *Competition*

A software for autistic children. Helps them learn through watching the functionality of day to day objects. Specially designed game for them. Bangla rhyme for joyful time passing.
Worked in team of three

The Muslim Show   **Android, Parse**

An app based on a famous Facebook page 'The Muslim Show'   *Hobby*

Unpublished due to technical issue

Unbeatable Tic Tac Toe   **Android**

Achievement - 130K installs in Google Play   *Hobby*

A Tic tac toe game with unbeatable AI.
Users became very angry when they failed to win anyway. So they left 1 star rating to teach me a good lesson.

RiceRocks   **Python**

Achievement - Secured full marks   *Final project of a course in Coursera.org*

A classical space shooting game. Rocks pop up. Player controls a spaceship and fires the rocks. On collision with rocks 3 times player dies.

My Hajj Days   **Android**

Published - September 1,2016   *Hobby*

A Hajj and Umrah guide which shows guideline for the Haji Shahebans according to their gender and Hajj type. Common etiquette to maintain in the Hajj journey is also provided.
Data and logic was provided by a Hajj travel agency.

Some other projects

Scientific Calculator with C and openGL
BUET Academic Management System with PHP, ORACLE, HTML, CSS and Javascript
Tajmahal with C++ and openGL
Ray Tracer with C++ and openGL

Links

Github: https://github.com/adorgoalp

Bitbucket: https://bitbucket.org/adorgolap/

Stackoverflow: http://stackoverflow.com/users/3467146/ifta

LinkedIn: https://www.linkedin.com/in/iftanoor

My Personal site: http://iftalab.herokuapp.com

References

Dr. ABM Alim Al Islam   **Assistant Professor**

Department of Computer Science and Engineering, BUET
Email - alim_razi@cse.buet.ac.bd

Dr. Md. Mahfuzul Islam   **Professor**

Department of Computer Science and Engineering, BUET
Email - mahfuz.islam@gmail.com