



Kazi Rashedul Islam

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Dhaka-1206

Career Objective

Want to be a proficient programmer and IT professional. My objective is to foster my analytical ability and programming skills by working under various projects in technological field.

Academic Projects

As a part of completing four years bachelor course, I have worked on few projects and developed several applications.

1. University Result Processing System (Registration, Result Calculation and Publication)
Technology Stack: JSPs, Servlets, Apache Tomcat Server, MySQL
2. Bank management System
Technology stack: Java
3. Dhaka City House Renting Management Program
Technology Stack: Oracle Database
4. Desktop Clock
Technology stack: C, OpenGL

IT Skills

- Operating Systems: Comfortable in both Windows and Linux platforms
- Programming Languages:
C, C++, JAVA, JSP, PHP
- Web Development Languages:
Skilled in designing web pages using HTML and CSS.
- Database:
Proficient in MySQL. Skilled in query writing.
- Tools and IDEs:
Microsoft Visual Studio, NetBeans, Eclipse, Codeblocks, Latex, XAMPP server, Microsoft Office.

Education

Bachelor of Science (B.Sc.)

Jan 2012 — Jan 2016

University of Dhaka

Department of Computer Science & Engineering

CGPA: Pursuing

Higher Secondary School certificate (H.S.C)

Jan 2008 — Jan 2010

Adamjee Cantonment College

Dhaka Board

Group: Science

GPA:5.00

Secondary School Certificate (S.S.C)

Jan 2006 — Jan 2008

Bangladesh Navy School & College, Dhaka

Dhaka Board

Group: Science

GPA: 5.00

Research Area

Parsimonious Renewable Energy Management Policies for Smart IoT Devices

-Accepted into IEEE <http://cennser.org/ICIEV/>

Overview: Energy scarcity at homes is becoming a critical issue due to exponential growth of energy consumption by numerous smart home appliances. Renewable energy sources help to reduce the pressure of grid operation, enabling Smart Home Energy Management System (HEMS) using Internet of Things (IoT) devices. In this paper, we have developed policies for parsimonious renewable energy management using smart IoT devices. With the help of Exponential Weighted Moving Average (EWMA), an HEMS predicts energy production and consumption. The results of the prediction decides whether to sell or purchase energy following it is in energy surplus or deficit, respectively. Our energy budget management follows max-min fairness algorithm. The performance evaluation of our proposed system shows that significant performance improvement in terms of monetary expense and user utility can be achieved compared to state-of-the-art works.

Work experience

MJN Foundation

Web Developer

- Worked in various WordPress projects as a part time developer.

Green Networking Research Group, DU

February 2015 — Present

Research Assistant

(http://www.cse.du.ac.bd/research-group-details/?group_id=40)

-GNR group aspires to facilitate a venture of high-quality learning and innovative research for CSEDU students and faculty members. GNR aims to achieve the following objectives: - To produce good quality conference and journal papers - To conduct funded projects addressing various problems of our society - To create a venture of regular learning, sharing and presenting technical solutions - To produce good quality PhDs and competent students so as to get PhD admission in high-rank universities.

Interests

- Problem Solving.
- QA and Software Testing.
- Voluntary work, playing Cricket, Table Tennis.

Other Skills

- Former General Secretary
CSEDU Students' Club
- Former Vice Treasurer
Dhaka University Science Society - DUSS
- Able to learn new technologies, tools and techniques quickly.
- Proactive and able to execute tasks efficiently.
- Strong analysis and synthesis skills.
- Strong communication skills with good managerial ability and Negotiation skills
- Able to handle multiple projects simultaneously.
- Energetic, self-motivated and also able to motivate others.

Portfolio Website

<https://rashedislamportfolio.wordpress.com/>

References

Dr. MD. Abdur Razzaque
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Professor
Department of Computer Science and Engineering
University of Dhaka

Lafifa Jamal
Contact no. (+88)-01819243997
Associate Professor
Department of Computer Science and Engineering
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