**DEWAN ZIAUL KARIM**

**Address:** Flat No-A-3, House-23/A, Road No - 1, PC Culture Housing Society,

Adabor, Dhaka-1207

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# CAREER OBJECTIVE

To establish myself in the field of education and utilize my skills to help others to achieve high improvements in academic section.

# EDUCATION

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|  | Bachelor of Science, Computer Science & Engineering (2012-2016)  CGPA: 3.919/4.00  Ahsanullah University of Science & Technology (AUST), Dhaka, Bangladesh |
|  | Higher Secondary Certificate, 12th Grade National Examination (2011)  GPA: 5.00/5.00  Dhaka Residential Model College, Dhaka, Bangladesh |
|  | Secondary School Certificate, 10th Grade National Examination (2009)  GPA: 5.00/5.00  Dhaka Residential Model College, Dhaka, Bangladesh |

# UNDERGRADUATE THESIS

Integrating related XML (Extensible Markup Language) data with Data Warehouse schema

# PUBLICATIONS

1. Nafis Neehal, **Dewan Ziaul Karim**, Ashraful Islam, “**Cloud-POA: A cloud-based map only implementation of PO-MSA on Amazon multi-node EC2 Hadoop Cluster**”, in *IEEE 20th International Conference of Computer and Information Technology (ICCIT)*, December 2017, Bangladesh. [IEEE Xplore]

Paper Link:<https://ieeexplore.ieee.org/document/8281808>

1. Nafis Neehal, **Dewan Ziaul Karim**, Sejuti Banik, Tasfia Anika, “**Runtime Optimization of Identification Event in ECG Based Biometric Authentication**”, in *IEEE International Conference on Electrical, Computer and Communication Engineering (ECCE)*, February 2019, Bangladesh. [IEEE Xplore]

Paper Link:<https://ieeexplore.ieee.org/document/8679286>

1. Md. Al-Amin, **Dewan Ziaul Karim**, Tasfia Anika Bushra, **“Prediction of Rice Disease from Leaves using Deep Convolution Neural Network towards a Digital Agricultural System”**, accepted for publication in *IEEE 22nd International Conference of Computer and Information Technology (ICCIT), December, 2019, Bangladesh.*

# WORK EXPERIENCES

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| * Lecturer, Department of Computer Science & Engineering (CSE), BRAC University,   Dhaka, Bangladesh.  Period: May, 2018 to Till Date  Courses: *Computer Fundamentals, Digital Logic Design, Data Communication,*  *Software Engineering, System Analysis and Design.*   * Lecturer, Department of Computer Science & Engineering (CSE), Daffodil International University (DIU), Dhaka, Bangladesh.   Period: September, 2016 to April 2018  Courses: *Microprocessor, Computer Architecture, Data Communication,*  *Web Engineering, Communication Engineering, Social & Professional*  *Issues in Computing.* |
| * Lecturer, Department of Computer Science & Engineering (CSE), Ahsanullah University   of Science & Technology (AUST), Dhaka, Bangladesh.  Period: October, 2016 to March, 2017  Courses: *Computer Fundamentals, Programming Language.* |

# TRAININGS/WORKSHOPS/CONFERENCES ATTENDED

* IEEE International Conference on Electrical, Computer and Communication Engineering (**ECCE**), February 2019, Chittagong University of Engineering & Technology (CUET), Bangladesh (2019).
* IEEE 20th International Conference of Computer and Information Technology (**ICCIT**), December 2017, University of Asia Pacific, Dhaka, Bangladesh (2017).
* Participated in the Training of Trainers (ToT) on **"Pedagogy, Bloom's Taxonomy, ILO & Lesson plan and Student Centric Education, Investigative Study both Qualitative & Quantitative"**, Daffodil International University (2016).
* Attended **"Participatory Engaging Teaching (PET)"** Training for 5 days arranged by HRDI at Daffodil International University (2016).
* **CCNA Routing & Switching** by American International University-Bangladesh (2016)

# ACHIEVEMENTS

* Awarded Dean's List of Honor for academic excellence in AUST
* Honorable mention at Ideas for Action(I4A 2019) **[**[link](https://openknowledge.worldbank.org/bitstream/handle/10986/32384/9781464814846.pdf)**]**

# PROJECTS

 **3d Model of London Tower Bridge** (Language: C) - 3d model built using freeglut

**Student ID Number Recognizer** (Language: Matlab) - Detects the ID number from an ID card



* **Student Information System** (Language: Java,SQL, Platform: Windows)
* **Student Information System** (Language: Java, SQLite, Platform: Windows)
* **Employee Information System** (Language: C#, SQL, Platform: Windows)
* **Snake "The Hungry Shaap"** (Language: C, Platform: Windows) – A snake game
* **Line Follower Robot with Obstacle Avoider** - Simple robot which follows a line while avoiding obstacles.

**Kivabejaben.com** (Platform: Web, Front-End: HTML,CSS, Back-End: PHP,



MySQL, URL: <http://kivabejaben.byethost6.com/>)- Website based on bus routes in

Bangladesh

 **MovieMania.com** (Platform: Web, Front-End: HTML,CSS, Back-End: PHP,

MySQL, URL: <http://moviemaniaz1891.byethost13.com/>)- Website related to movies

**ColorZone** (Language: Java, Platform: Android, APK: [Download](https://drive.google.com/file/d/0ByrUMdakuND6cmJNOGJDZGtEa1U/view))– A simple android drawing app



 **Fool The Alligator Game** (Platform: Windows, Game Engine: Construct 2, Link: <http://dewanziaulkarim.ihostfull.com/foolthealligator/index.html>) – A game where a tortoise tries to survive by escaping from alligators.

**Project Name: The** **Hungry Monkey Game** (Platform: Windows, Game Engine: Construct 2, Link: <http://dewanziaulkarim.ihostfull.com/hungrymonkey/index.html>) – A game where a monkey needs to eat foods while avoiding bombs.



**PROJECT RESOURCE LINK:** <https://drive.google.com/drive/folders/0ByrUMdakuND6djVFREFKNlVLVTg>

# TECHNICAL SKILLS

|  |  |
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| Programming Language | : C, Java |
| Web Development Language | : HTML, CSS, PHP, JavaScript |
| Database | : MySQL, SQL Server, Oracle |
| IDEs | : Microsoft Visual Studio, NetBeans, Eclipse,  Codeblocks. |

# LANGUAGE PROFICIENCY

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| --- |
| Bengali: Native |
| English: IELTS Overall Band Score: 8, CEFR Level: C1 |

# REFERENCES

* **Prof. Dr. Mohammad Shafiul Alam**

Professor

Department of Computer Science & Engineering

Ahsanullah University of Science & Technology

Contact No: +8801937653901

Email: shuvo23@gmail.com

* **Mr. Tanvir Ahmed**

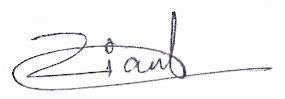
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## Dewan Ziaul Karim