

Arman Hossain

Computer Science and Engineering Graduate
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Career Objectives

As a recent Computer Science graduate, my objective is to secure an entry-level position in software development. I seek a challenging and dynamic role that will allow me to apply my skills and knowledge towards innovative software solutions. I am eager to work with experienced professionals in a collaborative environment to develop cutting-edge technologies. My ultimate goal is to become a highly skilled and experienced software developer through continuous learning and hard work.

Experience

ICT – Intern | Ispahani Islamia Eye Institute & Hospital

December, 2023 - Present

- ✓ EMR (Electronic Medical Record) Software Management & Support.
- ✓ It Support.

Education

BSc. (Engineering)

Completed Bachelor of Science in Computer Science & Engineering at **Bangladesh University of Business & Technology- BUBT** (February 2019 to March 2023).

- ✓ CGPA 3.33 in a scale of 4.00 (Major in Software Engineering)

H.S.C.

Passed Higher Secondary School Certificate Examination in 2017 held under Board of Intermediate & Secondary Education, Dhaka from **Kabi Nazrul Govt. College** under Dhaka Board.

- ✓ GPA 4.42 in a scale of 5.00 under Science Group.

S.S.C.

Passed Secondary School Certificate Examination in 2015 held under Board of Intermediate & Secondary Education, Dhaka from **Kakoli High School** under Dhaka Board.

- ✓ GPA 4.89 in a scale of 5.00 under Science Group.

Thesis/ Project

Project

➤ Smart Health Monitoring System

IoT based **Smart Health Monitoring System** that collects and monitors the user's body temperature, ECG rate and heart rate in real-time. To propose a system that visualizes and stores the health data in the database while tracking the location of the user by using geolocation.

- **Tools:** Arduino IDE, Ubidots Platform, different types of sensors, C++ (Programming Language)

Thesis

- **Unveiling Credit Card Fraud with Interpretable Machine Learning and LIME**

Implemented interpretable machine learning models and LIME techniques to enhance credit card fraud detection. Developed transparent decision-making processes, integrated LIME explanations into black-box models, and collaborated with experts to improve accuracy. Resulted in increased transparency, trust, and compliance while achieving robust fraud detection capabilities.

- **Tools:** Programming language and libraries (Python, numpy, pandas), Machine Learning, Dataset, Algorithms, Google Colab

Technical Skills

- **Computer Literacy:** Microsoft Word, Excel, PowerPoint
- **Programming Language:** C, C++, Java, Python.
- **Scripting Language:** HTML, XHTML, HTML5 & CSS3, JavaScript,
- **Database:** MySQL
- **Tools/IDE/Compiler/Interpreter:** Arduino IDE, Microsoft Visual Studio, MATLAB, Photoshop, PyCharm.
- **Operating System:** Microsoft Windows (Windows 8, 10,11), Kali Linux.

Personal Interest in Job Areas

- Software Development & Engineering
- Web Development & Design
- Cyber Security
- Artificial Intelligence and Machine Learning
- IoT Engineering

Honors & Awards

- Appreciation from honorable VC Sir & Chairman Sir, Department of CSE, BUBT for Completing a Project “IoT Based Smart Health Monitoring System”.
- Participated in the 2021 ICPC Asia Dhaka Regional Site Online Preliminary Contest.
- Participated in The Inter University Programming Contest (Junior Division)-2019.

Licenses & Certifications

- Completed Inter University Programming Camp for Beginner Level- 2019
- CSE Fundamentals Course-2022-23 By **Phitron**- December 2023 to Present
- Complete Web Development Course-2023 by **Programming Hero**- July, 2023 - Present

Extracurricular & Volunteering Activities

- Executive Member at **BUBT It Club** from December, 2022 – August, 2023
 - Work as an organizer in various types of events like programming contest, programming camp, ICPC, national events etc.
- Volunteer at **ICPC Dhaka Regional 2021 & ICPC Asia-West Continent 2021 Dhaka Site Hosted By BUBT**
 - Work in It & technical team

Hobbies

- Photography
- Travelling
- Playing Cricket & Football
- Volunteering

Languages

- **Bengali**- Native or bilingual proficiency
- **English**-Professional working proficiency

References

<p>Md. Reazul Islam Lecturer Department of CSE American International University-Bangladesh (AIUB) 408/1 (Old KA 66/1), Kuratoli, Khilkhet, Dhaka 1229, Bangladesh. Email: reaz.ceo.easytech@gmail.com Mobile: +880 1749911888</p>	<p>Md. Saifur Rahman Assistant Professor & Chairman Department of CSE Bangladesh University of Business & Technology (BUBT) Mirpur -2, Dhaka, Bangladesh. Email: saifurs@gmail.com Mobile: +880 1819190259</p>
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I, the undersigned, certify that to the best of my knowledge and belief, these curriculum vitae correctly describe me, my qualifications and experiences.



Signature
(Arman Hossain)