



MD. ASADUZZAMAN JABIN

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Career Objective

Looking forward to building up a challenging career in research and academic mentorship by utilizing my expertise and problem solving skills. I also want to grow professionally and enhance my leadership abilities.

Education

- 2014-2019 **BSc Engineering in ICT (3.88/4.00)**
Mawlana Bhashani Science and Technology University, Tangail-1902, Bangladesh.
- 2011-2013 **HSC, Science, 2013 (5.00/5.00)**
BAF Shaheen College, Dhaka
- 2011 **SSC, Science, 2011 (5.00/5.00)**
Shaheed Ramiz Uddin Cantonment School, Dhaka

Skills

- ACM Programming, Algorithm, Data Structure, C++,Java , MYSQL, Oracle DBMS, Assembly Language, MATLAB, Mathematics, Networking ,AI, Embedded Programming.
- ACM Problem Solving more than 1500 problems in different Online Judge. Profile Link: ([Stopstalk](#), [Uva oj](#), [URI oj](#), [Codeforces](#), [Hackerrank](#), [Hackerearth](#), [Codechef](#), [CSacademy](#), [Light oj](#), [Spoj](#), [Vjudge](#), [Atcoder](#), [Devskill](#), [kattis](#) etc).
- Problem Setter at Spoj : [problem1](#), [problem2](#), [problem3](#), [problem4](#).
- Basic Knowledge: **OOP- (J2EE, Spring Boot)**, **MySQL/SQL DB configuration**, **VCS- (Git)**, **Security, Design pattern -(Factory method)**, **Project management: (JIRA , Agile)** and **Testing methodologies, OS: (Linux, Windows)**.

Research Experience

- Working as a Research Assistant (RA) in MBSTU over 6 months.
- Published 6 research papers in different journals (IEEE, Springer and Elsevier etc.)
- Research topics: Photonics, Plasmonics and Optics, Robotics and Artificial Intelligence.
- Google scholar profile: <https://scholar.google.com/citations?hl=en&user=UmJxbYAAAAJ>
- Researchgate profile: https://www.researchgate.net/profile/Md_Jabin

Projects

Software Projects Link - [Github](#), [Others](#).

- **Smart Office Management.** (Technology: Java web, Spring, JPA, HTML, CSS h2db, Java SDK, RFID, fingerprint scanner, Wifi-8266, Arduino-uno)
- works as a complete IOT based office management tool including –RFID and Fingerprint attendance.
- **Online Assignment Submission System.** (Technology: Java web, Spring, JPA, Ajax, JavaScript)
- works as a complete file transfer tools.
- **Bank Management** (Technology: Java web, HTML, CSS)
- works as a demo of bank management tool.
- **Student information System** (Technology: JavaFx, Oracle database, CRUD operation)
- A basic java app for MBSTU Student database.
- **Multi user Group chat** (Technology: Socket, AWT, Raw java).
- A basic java app as a Chat messenger.
- **My Contact List** (Technology: Java, database, JavaFx)
- A basic java app as contact book.

Hardware Projects Link - [Github](#) , [Others](#)

- **Android Controlled bot** (Technology : C++, Java ME(Android), Arduino uno, Bluetooth Interfacing)
- **Quad copter FPV** (Technology : spracing f3, betafight, ESC, BLDC motor, camera)
- **Line follower robot** (Technology : IR sensor, Arduino uno, L298, motor)
- **Sensor based home automation** (Technology : Arduino uno,DHT11,motor, LED)
- **Self balancing robot** (Technology : Arduino -uno, mpu6050, L298)

Other Experience :

- Participated in almost 12 National IUPC and 4 Robotics Competitions.
- IUB IEEE Programming contest-2019 ([8th](#)) NDUB CSE FEST IUPC-2017 (6th), SUB IUPC-2017 ([52th](#)), SUST IUPC-2017 ([81th](#)), IUT FEST-2016 ([65th](#)), BUET CSE FEST-2016 ([65th](#)), Snack Down-2017 (2591th/15000), MBSTU CSE CARNIVAL-2017 ([64th](#)), Cybernauts-2016 ([94th](#)), Cybernauts-2017 ([68th](#)).
- MBSTU CSE Carnival-2017 Project Showcasing, NSU Global Robotic Challenge-2016(4th).

Co-curricular Activities :

- Vice-Chair, IEEE Student Branch, MBSTU
- BDS HAC Ambassador, IEEE Bangladesh

Referee :

- Kawsar Ahmed
Assistant Professor
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