



# MD.ASADUZZAMAN JABIN

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[github.com/asad14053](https://github.com/asad14053)

[acmcoder.blogspot.com](http://acmcoder.blogspot.com)

## 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, Grade: A, Merit: 2nd)**  
Department of Information and Communication Technology  
Mawlana Bhashani Science and Technology University (MBSTU), Tangail-1902, Bangladesh.
- 2011-2013 **Higher Secondary Certificate (HSC), Science, (5.00/5.00, Grade: A+)**  
BAF Shaheen College, Dhaka-1206, Bangladesh.
- 2011 **Secondary School Certificate (SSC), Science, (5.00/5.00, Grade: A+)**  
Shaheed Ramiz Uddin Cantonment School, Dhaka-1206, Bangladesh.

## Skills

- **Programming skills:** ACM Programming, Algorithm, Data Structure, C++, Java, Python, MYSQL, Oracle DBMS, Assembly Language, MATLAB, Mathematics, Networking, AI, Embedded Programming and Robotics.
- **Research skills:** COMSOL Multiphysics, MatLab, Python, R, SPSS, Proteus Pspice, Eagle, Cisco-Packet Tracer.
- **OS skills:** Linux, Windows.
- **Microsoft skills:** Office, PowerPoint, Excel, Access etc.
- **Language skills:** English -IELTS (appeared).

## Research Experience

- Working as a Junior Research Assistant (RA) in Group of Biophotomatrix, MBSTU over 8 months.
- Published 6 research papers in different journals (IEEE, Springer and Elsevier etc.)
- Interested topics: Surface Plasmon, Photonics, Plasmonics and Optics, Robotics and Artificial Intelligence.
- Google scholar profile: <https://scholar.google.com/citations?hl=en&user=UmJxbBYAAAAJ>
- Researchgate profile: [https://www.researchgate.net/profile/Md\\_Jabin](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 :**

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

**Co-curricular Activities :**

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

**Referee :**

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- Kawsar Ahmed  
Assistant Professor  
Dept of ICT,  
Mawlana Bhashani Science and Technology University  
Santosh, Tangail-1902, Bangladesh  
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- Professor Dr. Muhammad Shahin Uddin  
Professor  
Chairman, Dept of ICT,  
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