



# FAHIM MAHMUD

Master's Student

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## ABOUT ME

Enthusiastic and passionate person eager to pursue higher education in reputed University and suitable person with high potential to show engineering skill with practical and theoretical knowledge.

## EDUCATION

- Oct'2022- Present ● MSc in Information and Communication Engineering (ICE)  
Technische Universität Darmstadt.
- Jan'2016-Jan'2020 ● Bachelor of Science in Electrical and Electronic Engineering (EEE)  
American International University-Bangladesh (AIUB). Main Courses: Microprocessor & I/O system, Control system, Signal & linear system.  
CGPA: 3.67/4.0 (1.3 on german scale).

## EXPERIENC

- Sep'2023-Present ● Working Student, Merck, Darmstadt.
  - Data analysis and visualization.
  - Structured way of thinking and working, as well as high analytical thinking skills.
  - Prepare and submit notifications to regulatory authorities in a timely and accurate manner.
- Jun'2020-Mar'2021 ● Customer Service Representative at BKASH LIMITED, Dhaka
  - Responding promptly to customer inquiries.
  - Communicating with customers through various channels.
  - Maintaining a positive, empathetic and professional attitude toward customers at all times.

## ACADEMIC PROJECT

- Sep'2019-Apr'2020 ● Smart health monitoring system.
  - Day to day health monitor.
  - Results can be checked via mobile apps.
  - Measure ECG, SPO2, Heart Rate, Temperature.

## PROJECT

- May'2019-Jul'2019 ● Visual-based fire detecting and extinguishing robots. (Tools: Raspberry pi, motor controller, camera, water pump device)
- Oct'2019- Dec'2019 ● IoT-based patient monitoring robots. (Tools: ESP32 node MCU, Reflectance sensors, motor controller, camera).

## PUBLICATION

Sinha S., Rahman S., Mili M.H., Mahmud E. (2022) On-Body Microstrip Patch Antenna for Breast Cancer Detection. In: Yang X.S., Sherratt S., Dey N., Joshi A. (eds) Proceedings of Sixth International Congress on Information and Communication Technology. Lecture Notes in Networks and Systems, vol 236. Springer, Singapore. [https://doi.org/10.1007/978-981-16-2380-6\\_16](https://doi.org/10.1007/978-981-16-2380-6_16).[\(Paper\)](#)

## SKILLS

- Software** :Microsoft office (Word, Excel, PowerPoint), Adobe Illustor, AutoCAD (2D & 3D), Proteus, PVSyst., Etab, Microwave studio,Microwind.
- Technical** : PCB fabricating, Circuit designing, synthesise and analyse.
- Programming Languages**: Python (Basic Level), C.
- Languages**: Dutch(A1), English(B2), Bengali(Native)
- Attributes**: Team worker, Quick learner, Thinking and reasoning, Excellent verbal communication.

## EXTRA CURRICULAR ACTIVITIES

- ITcoordinator at AIUB Community of Engineering Students – ACES.
- Former volunteer at Dhaka Women's Marathon (2016, 2017).
- Member at IEEE-AIUB Student Branch.
- Former Volunteer at CSD Foundation.

## REFERENCES

Available on request