

Kazi Salman Hossain

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Objective

Dynamic engineering graduate with a master's in Smart Systems Engineering from Hanze University of Applied Sciences, adept at research and development. Armed with a background in Electronics and Telecommunication Engineering from ULAB, seeking to apply research perspectives including technical skills in data analysis, machine learning, industrial automation and energy fields. Thrives in dynamic environments committed to delivering innovative solutions with a strong work ethic and problem-solving abilities.

Technical skill's:

- **Software Skills:** Proficient in Microsoft Office, QGIS, PyCharm, Jupyter Notebook, Proteus, Git, VMware, Linux, Adobe Illustrator, Arduino, Raspberry Pi, Mikrotik, Cisco Packet Tracer, Visual Studio, DSCH Microwind, MATLAB, CST Studio and various other tools and software relevant to engineering and computing disciplines.
- **Machine Learning:** Proficient in machine learning techniques.
- **Programming Language:** C / C++, Python.
- **Academic Skills:** Article, content, and research paper writing. Project management reporting, data analysis, presentation and teamwork.

Employment Experience

Hi-Tech Bangla (Bangladesh)

Dhaka , Bangladesh

Control Design Engineer (Remote)

Jan 2024 – Feb 2024

- The position involved research on papers and implementing algorithms for unmanned vehicle and robot control systems. Responsibilities included developing Simulink models and validating algorithms.

RKD logistics (DHL)

Assen , Netherlands

Parcel sorting & delivery (Part Time)

Oct 2021 – Apr 2023

- Handled product delivery and parcel sorting within the Assen province, Netherlands, under DHL services.

Vliegend.nl

Dokkum, (Friesland) , Netherlands

Master's Thesis

Sep 2022 – Jun 2023

- Developed a thesis project based on scientific research and algorithms, focusing on gas dispersion-based CO2 gas source localization using drones. The report incorporated the Gaussian plume model and utilized genetic algorithm optimization techniques.

Business Automation

Dhaka , Bangladesh

Bachelor Internship

May 2019 – Sep 2019

- Configured routers for network monitoring and provided server support to trainees, ensuring optimal network performance and security while troubleshooting related issues. Actively contributed to the development of proposals and prototypes for technical documentation. Also acquired valuable experience in effectively managing a digital signage machine called Queue Pro.

Extra-curricular activities

ULAB Robotics club

Dhaka , Bangladesh

Project Member

Jul 2016 – Dec 2016

Education and other

Hanze University of Applied Science

Groningen , Netherlands

Masters of Science in Smart Systems Engineering (5.5 out of 10 scale)

(Major in Sensor technology)

Sep 2021 – Jul 2023

University of Liberal Art's Bangladesh

Dhaka , Bangladesh

Bachelor of Science in Electronics and (CGPA 2.79 out of 4 scale)
Telecommunications Engineering

(Major in Electronic devices and telecommunications)

May 2015 – Sep 2019

Language : Fluent in English and Bangla.

Interests: Learning , Cooking , Resourceful thinking , Cycling.

Reference

1. Professor M. Mofazzal Hossain (PhD) & department head of EEE from University of Liberal Art's Bangladesh
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2. Professor Gomes Lourenco PM, Pedro from Hanze University of Applied Science
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3. Jan Wiresma (Company Owner) from Vliegend.nl (Netherlands)
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