

Abdullah Al Masud

House- 2, Road- 4, Mirpur- 10, Dhaka- 1216, Bangladesh

✉ amasud183040@bscse.uiu.ac.bd | 🌐 in/aamasud040/ | 🏠 aamasud040.github.io

RESEARCH INTEREST

Robotics, Computer Vision, Machine Learning, Meta-Learning

EDUCATION

United International University

Bachelor of Science in Computer Science and Engineering, Data Science

Dhaka, Bangladesh

Oct. 2018 – Sept. 2023

- CGPA: 3.62/4.00
- Thesis Title: Meta Learning in Supervised Machine Learning
We developed a framework that extracts meta-data about a dataset to support decision-making in selecting an appropriate algorithm for the dataset.

Cherry Blossoms Int'l School

A' Levels, Maths and Physics

Dhaka, Bangladesh

June 2018

Cherry Blossoms Int'l School

O' Levels, Science

Dhaka, Bangladesh

Jan. 2015

RESEARCH AND PUBLICATIONS

Conference

- [1] **A. Al Masud**, S. Hossain, M. Rifa, F. Akter, A. Zaman, and D. M. Farid, "Meta-learning in supervised machine learning," in *2022 14th International Conference on Software, Knowledge, Information Management and Applications (SKIMA)*, pp. 222–227, 2022.

AWARDS AND HONORS

1 . Champions in Asia and ranked 9th global

2023

University Rover Challenge-2023 | The Mars Society

Hanksville, Utah, USA

- As the Software and Autonomous Team Lead, I overhauled the navigation framework and GUI based on URC-2022 experience, enhancing modularity and effectiveness.

2 . Champions in Asia and ranked 13th global

2022

University Rover Challenge-2022 | The Mars Society

Hanksville, Utah, USA

- As the Software and Autonomous Team Lead, I engineered our customised-ROS based navigation framework and GUI from scratch for the competition, aligning with mission requirements.

3 . Ranked 3rd global and winners in Material Science

2023

Anatolian Rover Challenge | UKET Space Exploration Society

Ankara, Türkiye

- As the Software and Autonomous Team Lead. I tuned the navigation framework further based on our experience from URC2023, specific for ARC-2023.

4 . Scholarship in 5 Trimesters.

2018 - 2023

United International University

Dhaka, Bangladesh

EXPERIENCE

- 1 . **Software and Autonomous Team lead**, UIU Mars Rover team. *2021 - 2023*
- 2 . **Undergraduate Teaching Assistant**, United International University *Spring 2019 - Summer 2022*
- 3 . **Web Master**, UIU Robotics Club and UIU Mars Rover team *2022- 2023*
- 4 . **R&D Lead** , UIU Robotics Club *2021- 2022*
- 5 . **Publication and Organizing Team**, Asia-Oceania Congress of Medical Physics (AOCMP) *Dec 2021*
- 6 . **Club President** , UIU 100 Club *2018- 2020*

REFERENCES

Dr. Dewan Md. Farid

Dhaka, Bangladesh

Professor, Department of CSE, UIU
dewanfarid@cse.uiu.ac.bd

Mr. Akib Zaman

Cambridge, MA, USA

PhD Candidate, Department of EECS, MIT
dewanfarid@cse.uiu.ac.bd

Dr. Salekul Islam

Dhaka, Bangladesh

Professor, Department of CSE, UIU
dewanfarid@cse.uiu.ac.bd