

# Abdullah Al Masud

<https://aamasud040.github.io/>

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Autonomous Systems, Computer Vision, Deep Learning, Robotics, Meta-Learning

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## Education

United International University

B.S. in Computer Science and Engineering, GPA 3.62/4.00

Sept. 2023

- Thesis title: Meta-Learning in Supervised Machine Learning
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## Publications (accepted)

- Abdullah Al Masud, Sabbir Hossain, Muhsina Rifa, Farhana Akter, Akib Zaman, and Dewan Md. Farid. Meta-learning in supervised machine learning. In 14th International Conference on Software, Knowledge, Information Management and Applications (SKIMA 2022), pages 1–6, Phnom Penh, Cambodia, December 2022

## Publications (to be Submitted)

- Abdullah Al Masud, Muhsina Rifa, Sabbir Hossain, Farhana Akter, Akib Zaman, and Dewan Md. Farid. Xpert: An End-to-End Algorithm Recommender System for Supervised Dataset

## Publications (In Preparation)

- Light weighted navigation – Autonomous Systems
  - Telos: An optimized and robust human assistant rover
  - Validity of Cancer Classification in Medicine using Histopathological Lung and Colon cancer images and Collaborative AI.
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## Awards

- Champions in Asia and ranked 9<sup>th</sup> global, University Rover Challenge 2023  
I worked on this project as the Software and Autonomous Team Lead I designed the navigation framework and the GUI required for the competition based on our experience from URC2022.
- Champions in Asia and ranked 13<sup>th</sup> global, University Rover Challenge 2022  
I worked on this project as the Software and Autonomous Team Lead I designed the navigation framework and the GUI required for the competition from Scratch.
- Second Runner up and winners in Material Science, Anatolian Rover Challenge 2023  
I worked on this project as the Software and Autonomous Team Lead I designed the navigation framework and the GUI required for the competition based on our experience from URC2022 and URC2023.
- Scholarship in 5 Trimesters, United International University

**Work experience**

- Software and Autonomous team lead, UIU Mars Rover team, 2021-2023
- Undergraduate Teaching assistant Spring(Jan) 2019 – Summer(Jun) 2020, Electrical and Electronics Engineering, United International University
- Web Master UIU Robotics club SEPT 2022- SEPT 2023
- R&D Lead UIU Robotics Club SEPT 2021- SEPT 2022
- Publication and Organizing team, Asia-Oceania Congress of Medical Physics (AOCMP-2021)

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**ACADEMIC REFERENCES**

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Mr Akib Zaman (Ph.D. candidate MIT)

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