

# Asadullah Bin Rahman

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Address: Khansama, Dinajpur, Bangladesh

**Research Interests:** Image Processing, Machine Learning, Quantum Computing


## Employment

- 07/2023 – Present      ◇ **Research Assistant (RA) at IoThink Lab**  
Department of Computer Science and Engineering, Hajee Mohammad Danesh Science and Technology University (HSTU), Dinajpur-5200, Bangladesh
- 03/2023 – 09/2023      ◇ **Lecturer of Computer Science and Engineering**  
Govt. Shahid Akbar Ali Science and Technology College (SASTC) (Affiliated to HSTU) Thakurgaon, Bangladesh

## Education

- 07/2023 – Present      ◇ **M.Sc.(Engineering) in Computer Science and Engineering**  
Hajee Mohammad Danesh Science and Technology University (HSTU)  
Dinajpur-5200, Bangladesh  
GPA: 3.625/4.00 (Thesis in progress)
- 01/2017 – 12/2022      ◇ **B.Sc.(Engineering) in Computer Science and Engineering**  
Hajee Mohammad Danesh Science and Technology University (HSTU)  
Dinajpur-5200, Bangladesh  
GPA: 3.31/4.00

## Research Publications

1. **A. B. Rahman**, M. Touhid Islam, M. R. Islam, M. Sohrawordi, and M. N. Sultan, "Enhanced Brain Tumor Classification from MRI Images Using Deep Learning Model," in *2023 26th International Conference on Computer and Information Technology (ICCIT)*, 2023, pp. 1–6.  DOI: [10.1109/ICCIT60459.2023.10441064](https://doi.org/10.1109/ICCIT60459.2023.10441064).

## Teaching Experience

- 03/2023 – 09/2023      ◇ Instructor, SASTC. Theory of Computation and Concrete Mathematics, CSE258 (Undergraduate)
- ◇ Instructor, SASTC. Computer Graphics and Image Processing, CSE405 (Undergraduate)
- ◇ Instructor, SASTC. Machine Learning and Pattern Recognition, CSE469 (Undergraduate)

## Standardized Tests

- 08/2023 – 08/2025      ◇ **IELTS Academic:** Overall Score: 6.5 (CEFR Level: B2)  
Listening: 6.5, Reading: 6.5, Writing: 6.0, Speaking: 6.5  
TRF Number: 23BD029064RAHA001A

## Skills

Machine Learning	◇ Areas – Computer Vision, Image Processing, Natural Language Processing; Frameworks & Libraries – OpenCV, scikit-learn, NumPy, Pandas, SciPy, Matplotlib, PyTorch, and TensorFlow
Quantum Computing	◇ Area – Quantum Machine Learning; Tools – Qiskit, Cirq, PennyLane, Classiq
Programming	◇ Object Oriented Programming with C++, Java, and Python. Data-structures and Algorithms, Database, Problem solving (300+ on CodeForces, HackerRank, UVA, etc)
Web Dev	◇ HTML, CSS, JavaScript, PHP, and MySQL
Others	◇ Linux, Git, LaTeX

## Miscellaneous Experience

### Awards and Achievements

- 08/2024 ◇ **Womanium Quantum + AI 2024 Global Summer School:** Program finalist and Womanium Quantum Solution Launchpad (QSL) nominee.  
[View](#) Certification
- 06/2024 ◇ **IBM Quantum Challenge 2024:** Successfully completed all 6 labs, finishing **11th** globally.  
[View](#) Certification | [Access](#) Solution Notebooks
- 01/2016 ◇ **6th Bangladesh Academy of Sciences (BAS) Divisional Science Olympiad:** Secured 3rd position in the division and was selected for the national level.
- 09/2015 ◇ **5th Physics Olympiad organized by Dinajpur Science Academy:** Achieved 7th position.

### Professional Development

- 09/2024 – 05/2025 ◇ **QClass24/25:** Attending advanced quantum computing courses from QWorld.  
**Skills:** Quantum Computing, Programming, Algorithms, Quantum Key Distribution (QKD)
- 08/2024 ◇ **Qiskit Global Summer School 2024 – Quantum Excellence:** Completed a 10-day intensive boot camp by IBM Qiskit.  
**Skills:** Quantum Circuit Transpilation, Circuit Simulation, Quantum Error Suppression and Mitigation.  
[View](#) Certification | [Access](#) Solution Notebooks
- 09/2020 ◇ **Python for Everybody Specialization:** Completed a Coursera specialization covering Python fundamentals, data structures, and a capstone project.  
Coursera Credential ID: [6PL6V9V6K2F9](#)

## References

### Dr. Md. Abdulla Al Mamun

Professor

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### Masud Ibn Afjal

Associate Professor

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