Md Imtiaz Habib

Safe Intelligence · Explanable AI · Computer Vision · Natural Language Processing · Graph Theory & Algorithms

Homepage | ihk.csail@gmail.com | Github | Google Scholar | Linkedin

Education

Université Côte d'Azur — *Sophia Antipolis, FR*

M.Sc. in Data Science and Artificial Intelligence (Bac+5) — *Sep. 2024 - Ongoing*

American International University- Bangladesh — *Dhaka, BD*

B.Sc. in Computer Science and Engineering (Bac+4) — *Jan. 2019 - 19 Mar. 2023*

- Specialization: Software Engineering
- CGPA: 3.71/4.00

Skills

Languages & Libraries C++ • OpenGL • Python • Pytorch • TensorFlow • NumPy • Pandas • Sklearn • C-Sharp • Java • MySql

Tools GitHub • MATLAB • LaTex • Microsoft Office

Experiences

American International University- Bangladesh — *Dhaka, BD*

Research Assistant Intern — *Jan. 2023 - May. 2023*

- Learned how to train and build a machine learning model
- Analyzed and reviewed research papers, enhancing analytical skills.
- Organized course curriculum on data structures & algorithms.

Mediasoft Data System Limited — *Dhaka, BD*

Software Engineer Intern — *Aug. 2022 - Dec. 2022*

- Built software applications, mostly for retail industry.
- Mainly used C-Sharp, DotNet framework for building applications

Research Projects & Articles

- **Automated Caption Generator Using NLP.** MI Habib, MMH Zamil, SM Mim, T Zubayer. *Advisor: Prof. Md Kishor Morol.* AIUB, 2022. [Thesis]
- **Optimizing Agricultural Research: A RAG-based Approach to Mycorrhiza Fungi Information.** MU Altaf, T Hoang, MI Habib. *Advisor: Audrey Lamy Martinot.* UCA, 2025 [Code & Paper]
- **Automated Attendance Generation Using ML and DL Approaches.** *Advisor: Prof. Michel Riveill.* UCA, 2025 [Code & Paper]
- **Antimagic Labeling of Graphs Using Prime Numbers.** A Islam, MI Habib. *Advisor: Prof. Dr. Md. Manzurul Hasan.* AIUB, 2024. [Paper]
- **Fire Detection From Image and Video Using YOLOv5.** A Islam, MI Habib. *Instructor: Prof. Shakhawat Hossain.* AIUB, 2022 [Code] [Paper]
- **An Exploration Into Web Session Security- A Systematic Literature Review.** MI Habib, AA Maruf, MJA Nabil. *Advisor: Prof. Dr MM Mahbubul Syeed.* AIUB, 2021 [Paper]
- **Signature Verification System using VGG19 By Transfer Learning.** MI Habib, K Tanvir, MR Khan, MMH Zamil, T Islam *Instructor: Prof. Shakhawat Hossain.* AIUB, 2022 [Source Code] [Code & Paper]
- **Handwritten Digit Recognition Using CNN.** *Instructor: Prof. Md. Shakhawat Hossain.* AIUB, 2022 [Code]
- **Simulating Traffic Control.** *Instructor: Prof. Dr. Md. Abdullah - Al - Jubair.* AIUB, 2021 [Code]

Languages

English • C1 [IELTS: 7.5] **Bengali** • Native **French** • Beginner

Awards

2024	**Awardee**	France Excellence (French Government Scholarships)	*CF, FR*
2024	**Awardee**	Graduate Professional Scholarship	*WSU, USA*
2015	**Champion**	National High School Debate Competition	*DfD, BD*

References

Md Kishor Morol *Ithaca, NY*

Thesis Supervisor • Assistant Professor • AIUB

Email: kishor.aiub@gmail.com

Vincent Vandewalle *Sophia, Fr*

Professor • Université Côte d'Azur

Email: Vincent.Vandewalle@inria.fr