

# Md Imtiaz Habib

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## Research Interests

Artificial Intelligence • Graph Machine Learning • Computer Vision • Data Science • Natural Language Processing • Algorithm

## Education

### Université Côte d'Azur

M.SC. IN DATA SCIENCE AND ARTIFICIAL INTELLIGENCE

*Sophia Antipolis, FR*

Sep. 2024 - Continue

### American International University- Bangladesh

B.SC. IN COMPUTER SCIENCE AND ENGINEERING

*Dhaka, BD*

19 Mar. 2023

- Thesis: Automated Caption Generator Using NLP
- Advisor: *Prof. Md. Kishor Morol*
- CGPA: 3.71/4.00

## Work Experiences

### American International University- Bangladesh

RESEARCH ASSISTANT INTERN

*Dhaka, BD*

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

SOFTWARE ENGINEER INTERN

*Dhaka, BD*

Aug. 2022 - Dec. 2022

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

## Research Articles

### Thesis

- **Md. Imtiaz Habib**, Md. Mehedi Hasan Zamil, Syeda Meherunnasha Mim, Talha Zubayer. *Automated Caption Generator Using NLP*. AIUB, 2022.

Advisor: *Prof. Md. Kishor Morol*. [\[Paper\]](#)

### Research Papers

- Arafat Islam, **Md. Imtiaz Habib**. *Antimagic Labeling of Graphs Using Prime Numbers*. Submitted To DMTC. Advisor: *Prof. Dr. Md. Manzurul Hasan*. [\[Paper\]](#)
- **Md. Imtiaz Habib**, Abdullah Al Maruf and Md. Jobair Ahmed Nabil. *An Exploration Into Web Session Security- A Systematic Literature Review*. arXiv preprint, 2022. Advisor: *Prof. Dr MM Mahbulul Syeed*. [\[Paper\]](#)

## Projects

### Computer Vision

- **Fire Detection From Image and Video Using YOLOv5**. AIUB, 2022. Instructor: *Prof. Shakhawat Hossain* [\[Source Code\]](#) [\[Paper\]](#)
- **Signature Verification System using VGG19 By Transfer Learning**. AIUB, 2022. Instructor: *Prof. Shakhawat Hossain* [\[Source Code\]](#) [\[Paper\]](#)
- **Handwritten Digit Recognition Using CNN**. [\[Source Code\]](#)

### Computer Graphics

- **Simulating Traffic Control**. AIUB, 2021. Instructor: *Prof. Dr. Md. Abdullah - Al - Jubair* [\[Source Code\]](#)
- **Visualizing Padma Multipurpose Bridge**. AIUB, 2021. Instructor: *Prof. Dr. Md. Abdullah - Al - Jubair* [\[Source Code\]](#)

## Awards

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2024	<b>Awardee</b>	France Excellence (French Government Scholarships)	CF, FR
2015	<b>Champion</b>	National High School Debate Competition	DfD, BD

## Skills

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**Languages & Libraries** C++ • Java • C-Sharp • .Net • Python • Pytorch • TensorFlow • NumPy • OpenGL • MySql  
**Tools** GitHub • MATLAB • LaTeX • Microsoft Office

## Standardized Test

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IELTS **Overall: 7.5** • Listening: 8.5 • Reading: 7.5 • Writing: 6.5 • Speaking: 7 BC, BD

## References

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### Md. Kishor Morol

ASSISTANT PROFESSOR • AIUB

Email: kishoremorolsets@iub.edu.bd

Ithaca, NY

### Dr. Md. Manzurul Hasan

ASSOCIATE PROFESSOR • AIUB

Email: manzurul@aiub.edu

Dhaka, BD