

# HABIBOR RAHMAN RABBY

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Currently, I'm working on approaches to machine learning and NLP. My academic background and research experience have provided me with a solid foundation in the intensity of learning in machine learning research. I'm a lifelong learner with strong communication skills developed from extensive teaching experience and the ability to work independently or as part of a team.

## Education

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|--|---|
| 10/2022 - 08/2024<br>KY, USA                   | <b>Master of Science</b> in Computer Science<br>Campbellsville University <ul style="list-style-type: none"><li>3.90 / 4.00 CGPA</li></ul>                            |
| 01/2017 - 03/2021<br>Chattogram,<br>Bangladesh | <b>Bachelor of Science</b> in Computer Science And Engineering<br>Port City International University <ul style="list-style-type: none"><li>3.77 / 4.00 CGPA</li></ul> |

## Research Interest

Information Retrieval, Natural Language Processing, Computer Vision, Machine Learning

## Publications

- Habibor Rahman Rabby**, Mahadi Hasan, Israt Jahan, Rumana Jahan, and Rafiuddin Siddiky. "Coronavirus Disease Outbreak Prediction and Analysis Using Machine Learning and Classical Time Series Forecasting Models." In *2024 International Conference on Artificial Intelligence and Quantum Computation-Based Sensor Application (ICAIQSA)*, pp. 1-7. IEEE, 2024. DOI: [www.doi.org/10.1109/ICAIQSA64000.2024.10882176](https://doi.org/10.1109/ICAIQSA64000.2024.10882176)
- Md Habibul Arif, **Habibor Rahman Rabby**, Nusrat Yasmin Nadia, Md Iftekhar Monzur Tanvir, & Abdullah Al Masum. (2025). AI-Driven Risk Assessment in National Security Projects: Examining Machine Learning Models to Predict and Mitigate Risks in Defense and Critical Infrastructure Projects. *Journal of Computer Science and Technology Studies*, 7(2), 71-85. DOI: <https://doi.org/10.32996/jcsts.2025.7.2.6>

## Professional Experiences

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|---|--|
| 06/2025 - Present<br><b>Upskill Consultancy</b><br>New York, USA          | <b>Full Stack Developer</b> <ul style="list-style-type: none"><li>Design, develop, and maintain both front-end and back-end components of web applications, ensuring seamless integration of user-facing elements with server-side logic for optimal functionality.</li><li>Collaborate with cross-functional teams in an agile environment to support the delivery of high-quality, scalable, and efficient software solutions that meet business and user needs.</li></ul> |
| 09/2024 - 05/2025<br><b>ThothIT LLC</b> ,<br>Texas, USA                   | <b>Software Developer</b> <ul style="list-style-type: none"><li>Analyze, design, and develop computer programs based on user needs and project requirements, and oversee unit testing to ensure functionality and user-friendliness.</li></ul>   |
| 04/2021 - 08/2022<br><b>KITRIM Soft Limited</b><br>Chattogram, Bangladesh | <b>Software Engineer</b> <ul style="list-style-type: none"><li>Work closely with product managers, designers, and QA engineers to understand user needs, define technical requirements, and deliver high-quality software on schedule.</li><li>Identify and resolve software defects, conduct unit and integration testing, and continuously refine code based on feedback, performance analysis, and evolving project goals.</li></ul>                                      |

## **Technical Skills**

- **Programming:** Python, C, C++, JAVA
- **Database:** MySQL, SSMS Database, SQL Query
- **Research:** Prediction Model (Machine Learning), Sentiment Analysis
- **Web Technologies:** HTML, CSS, XML, PHP, JavaScript, Bootstrap Framework
- **Frameworks & Tools:** PowerPoint, Word, Excel, Jupyter Notebook
- **Additional:** Typing Speed (65+ WPM)

## **Activities and Honors**

- Volunteering at Port City International University, Chattogram, Bangladesh | Sept 2017 - Jan 2019
- PCIU Hackathon Winner at Department of CSE, Port City International University | Nov 2018
- Game Development Workshop at AGAMiLabs Limited, Bangladesh | July 2018
- Android Mobile Application Contest at Noni SoftTech Institution, Bangladesh | June 2018

## **Certifications**

### **Android Application Development**

- ICT Division, Government of Bangladesh | *May 2018 - November 2018*

### **Certificate in Computer Applications**

- National Youth Training Academy (NYTA) | *June 2014 - July 2014*

## **Linguistic Proficiency**

- English (Fluent Working Proficiency)
- Bangla (Native Language)
- Hindi (Elementary- Listening, Speaking)