



Md Siddiquur RAHMAN



AI | ML | DL | LLM | Agent

✉ Résidence de Brienne, 7/30 impasse du ramier des catalans 31000 Toulouse, France.

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Profiles

🌐 Personal page
🌐 LinkedIn profile
🌐 Google Scholar

Languages

🇬🇧 Bangladesh ● ● ● ● ●
🇬🇧 English ● ● ● ● ●
🇫🇷 French ● ● ● ● ●

Skills

🧠 Machine learning ● ● ● ● ●
☄ LLM ● ● ● ● ●
📖 Deep learning (Keras) ● ● ● ● ●
🤖 Agentic AI ● ● ● ● ●
🔥 PyTorch ● ● ● ● ●
📊 Scikit-Learn ● ● ● ● ●
🐍 Python ● ● ● ● ●
⚙ C/C++ ● ● ● ● ●
☕ Java ● ● ● ● ●
C# ● ● ● ● ●
🌐 Microsoft Azure ● ● ● ● ●



Solved about 500 ACM-ICPC competitive programming problem. I was ranked 1 of the 100 contestants in Bangladesh.

Working Experience

Jan 2023 – Now **R&D Project Manager (Data Science/AI/ML)** Sogeti-Capgemini, France
Design, and deploy machine learning solutions, including large language models, computer vision, and time series approaches, that improve energy efficiency, lower carbon emissions, and enable more sustainable IT infrastructures.

Jan 2019 – May 2022 **Ph.D. Candidate / Researcher** IRIT, ENAC, University of Toulouse, France
Proposed transforming real-world aircraft conflict scenarios into images and developed machine learning and deep learning models to resolve them.

Sept 2018 – Jan 2019 **Lecturer** University of Information Technology & Sciences (UITS), Bangladesh
Delivered lectures as a full-time faculty member in the Department of Computer Science & Engineering.

Feb 2017 – Aug 2018 **Instructor** United International University (UIU), Bangladesh
Delivered programming lectures in the Department of Computer Science & Engineering.

June 2015 – Sept 2015 **Software Engineer** mPower-Social Enterprises Limited, Bangladesh
Collaborated with the software team as a software engineer.

Sept 2014 – Jan 2015 **Instructor** United International University (UIU), Bangladesh
Taught programming courses in the Department of Computer Science & Engineering.

Education

2019 – 2022 **Ph.D.** ENAC, IRIT, UT1, University of Toulouse (UT), France
Thesis: Deep Learning for En-Route Aircraft Conflict Resolution: two complementary approaches.

2017 – 2018 **Master of Science** United International University (UIU), Bangladesh
Department of computer science & engineering
Master Thesis United International University (UIU), Bangladesh
A machine learning approach used to identify a particular DNA segment known as the promoter sequence, with two journal articles.
CGPA: 4.0 on a scale of 4.0. Rank: Summa Cum Laude (Top rank).

2010 – 2014 **Bachelor of Science** United International University (UIU), Bangladesh
Department of computer science & engineering
Bachelor Thesis Université Lumière Lyon 2 (ULL2), France
Develop a Java tool for generating and deploying business processes to the server.
CGPA: 3.93 on a scale of 4.0. Rank: Summa Cum Laude (Top rank).

Certifications

2025 AWS Certified Machine Learning Specialty Amazon.com
2024 Professional Scrum Master PSM 1 Scrum.org
2024 Introduction to Machine Learning in Production Coursera
2023 Agile Crash Course: Agile Project Management Udemy
2020 Varified certificate for Using Python for Research edX
2020 Varified certificate for Deep Learning Essentials edX

Awards

2019 – 2022 Full funded scholarship for the PhD program UT, FR
2019 – 2020 Awarded Summa Cum Laude for the master program UIU, BD
2017 – 2018 Full free scholarship for the master program UIU, BD
2016 – 2017 Awarded Summa Cum Laude for the bachelor program UIU, BD
2010 – 2014 Full free scholarship for the bachelor program UIU, BD
2013 – 2014 Erasmus Mundus mobility scholarship ULL2, FR
2013 – 2014 Erasmus Mundus mobility scholarship ULL2, FR
2013 – 2014 Intra-University Programming Contest. (Position 2nd) UIU, BD
2012 – 2013 Intra-University Programming Contest. (Position 3rd) IUBAT, BD
2011 – 2012 Ranked 1 of the 100 contestants in Bangladesh. UIU, BD