Sonargaon University (SU)
UGC & Govt. Approved
সোনারগাঁও ইউনিভার্সিটি (এসইউ)

147/I Green Road ,Tejgaon, Dhaka-1215

Curriculum Vitae

Application Id:	**CSE2409109**	Applicant Name:	**Nasir Uddin Ahmed**
Apply for The position:	**Lecturer**	Department:	**Computer Science & Engineering**
Contact Number:	**01818009809**	E-mail ID:	**nasir151086@gmail.com**
Reference Number of Recruitment Notice:	**SU/RA/NB/2024/div-04/129**	Circular Date:	**2023-03-23**

Submission Date: 02-09-2024, 12:04 pm

Pay Order Number: 4797101   Issued Bank: Prime Bank

Amount: 300 Tk   (In word: Three Hundred Taka Only)

Pay Order Date: 2024-09-02

Educational Information

Academic Qualification

Certificate Title	Subject/Group	CGPA/Class	Board/University	Passing Year	Institution
SSC	Science	GPA 5.00	Chittagong	2012	Port Authority High School
HSC	Science	GPA 4.60	Dhaka	2014	Dhaka Residential Model College
Honor's	Computer Science and Engineering	CGPA 3.71	United International University	2019	United International University
Masters	Computer Science and Engineering	CGPA 3.82	Others	2024	Universiti Malaya (UM)
	Select One				

Received Certificate Course/Training

Course Title	Duration	Organized By
Introduction to Deep Learning Workshop	1 Day	IEEE Computational Intelligence Society
Academy Accreditation - Databricks Lakehouse Funda	20 Days	Databricks
Neural Networks and Deep Learning	3 Months	Coursera
Machine Learning	3 Months	Coursera, Stanford Online

Co-Curricular Activities (If any)

February 2021, attended and completed the Introductory Training on First Aid organized by the International Committee of the Red Cross (ICRC) at the Bangladesh Red Crescent Society (BDRCS) Training Room, Dhaka. The training covered COVID-19 awareness, vaccination, basic first aid, choking management, CPR, and wound care, enhancing the ability to assist in emergencies and contribute to community health and safety.

Professional Information

Job Experience (Academic)

Sl. No	Position & Institution/Organization	Period
No Experience		

Supporting Skill

Computer Knowledge : Please write elaborately about your following knowledge (if any)
MS Office : Creating, formatting, and editing documents using MS Word. Creating presentation using MS Power Point. Data organization, using formulas, pivot tables, data analysis tools, and creating charts using MS Excel.
Software and Tools : Power BI, Tableau, Talend, SAS Enterprise Miner, Apache Spark, HTCondor, Codeblocks, Visual Studio
Language Skill : N/A

Achievements (If any), National/International/Academic

1.a. Pass with Distinction, Master of Data Science, University Malaya - July, 2024. b. Magna Cum Laude in B.Sc in CSE from United International University.

Research & Publication Information

Sl. No	Title of Paper	Author & Journal Name	Author & Conference Name	Individual/Jointly	National/International Journal (ISSN/ISBN no.)	Remarks on Publication Status
1	BanglaMusicMooD: A Music Mood Classifier from Bangla Music Lyrics		Nasir Uddin Ahmed, International Conference on Mobile Computing and Sustainable Informatics	2nd Author	978-3-030-49794-1	Published

Personal Information

Name : Nasir Uddin Ahmed
National Identification Number (NID) : 2402628180
Date of Birth : 1997-09-15
Age : 26
Father's Name : Shamsuddin Ahmed
Mother's Name : Nahid Nasreen
Marital Status : Single

Present Address : NHA Garden City, Building: 6, Unit: 2B, Adabor, Mohammadpur, Dhaka - 1207.,Adabar,Dhaka,Dhaka

Permanent Address : 4/30 Salimullah Road, Mohammadpur, Dhaka - 1207.,Mohammadpur,Dhaka,Dhaka

Reference

Name : Abu Shafin Mohammad Mahdee Jameel Profession: Assistant Professor (On Leave), Department of Computer Science and Engineering United International Address: mahdee@cse.uiu.ac.bd Contact Number: 15185459049	Name : Associate Prof. Dr. Maizatul Akmar Binti Ismail Profession: Department of Information System, Faculty of Computer Science and Information Technology, University Address: maizatul@um.edu.my Contact Number: 60379676375

_____ _____
Signature   **Date**

Nasir Uddin Ahmed

Email: nasir151086@gmail.com
LinkedIn: http://www.linkedin.com/in/nasir-uddin-ahmed-184469137
Mobile: +8801818009809
Github: https://github.com/Turjo7

CAREER OBJECTIVES

As a passionate Data Analyst with expertise in AI, data governance, and visualization, I seek to transition into academia as a CSE lecturer. My goal is to leverage my industry experience, research background, and academic excellence to inspire and educate future computer scientists, fostering practical skills, innovative thinking, and collaborative problem-solving.

EDUCATION

- **Universiti Malaya (UM)** — Kuala Lumpur, Malaysia
  Master of Data Science; CGPA: 3.82/4.00 — *October 2022 - July 2024*
  Class: *Pass (With Distinction)*
  Courses: *Research Methodology, Data Science Research Project, Programming for Data Science, Machine Learning, Principles of Data Science, Data Mining, Numerical Optimization, Parallel and Distributed Computing, Data Analytics, Big Data Management.*

- **United International University (UIU)** — Dhaka, Bangladesh
  Bachelor of Science in Computer Science and Engineering; CGPA: 3.71/4.00 — *March 2015 - October 2019*
  Class: *Magna Cum Laude*
  Courses: *Artificial Intelligence, Structured Programming Language, Data Structure, Algorithms, Database Management Systems, Discrete Mathematics, Numerical Methods, Object-Oriented Programming, Operating System Concepts, Software Engineering, System Analysis and Design, Theory of Computing, Computer Graphics, Computer Networks, Computer Architecture, Data Communication, Digital Logic Design, Digital System Design, Capstone Project.*

- **Dhaka Residential Model College** — Dhaka, Bangladesh
  Higher Secondary Certificate; GPA: 4.60/5.00 — *2012 - 2014*

- **Port Authority High School** — Chittagong, Bangladesh
  School Secondary Certificate; GPA: 5.00/5.00 — *2010 - 2012*

SKILLS SUMMARY

- **Languages**: Python, PHP, C, JavaScript, SQL, Bash, JAVA, R, HTML, CSS
- **Frameworks**: scikit-learn, PyTorch, TensorFlow, Pandas, NumPy, Matplotlib, seaborn
- **Tools**: Power BI, Tableau, Talend, SAS Enterprise Miner, Apache Spark, HTCondor
- **Platforms**: Linux, Web, Windows, AWS, Hadoop, Shopify, Wordpress

EXPERIENCE

- **Hadodo IT Ltd** — Remote, Singapore
  Data Scientist (Part Time) — *July 2023 - Present*
  - Leveraged expertise in data analysis and machine learning to extract actionable insights from diverse datasets, driving data-driven decision-making processes.
  - Developed predictive models and analytical solutions to solve complex business problems and enhance operational efficiency.

- **Stampede Solution** — Hybrid, Malaysia
  Internship (Contractual) — *April 2024 - May 2024*
  - Conducted large dataset collection and cleaning efforts, ensuring accuracy of dataset and reliability to optimize the Debt Collection System.
  - Leveraged Power BI to create interactive dashboards, providing stakeholders with valuable insights and enhancing data visibility and decision-making processes.
  - Collaborated with cross-functional teams to identify actionable insights from datasets, streamlining debt collection strategies. Actively participated in training sessions to enhance data analysis skills, aligning with StampedeSolution's leadership in the Debt Collection System sector.

- **Hadodo IT Ltd** — Onsite, Bangladesh
  Co founder & CTO (Fulltime) — *April 2021 - June 2023*
  - Spearheaded the expansion service offerings, ensuring the company remained competitive in emerging markets by anticipating industry trends and aligning technological roadmap with business goals.
  - Led the design and development of comprehensive web applications, balancing frontend and backend requirements to create seamless user experiences.

- **Hadodo IT Ltd** — Onsite, Bangladesh
  Co founder & Full Stack Developer (Fulltime) — *October 2020 - March 2021*

- ○ Managed multiple projects in diverse geographies including South and South East Asia, Australia, and US, meeting stakeholder's expectations.
- ○ Played a pivotal role in the design and development of web applications, adeptly crafting clean code for frontend and backend systems while creating APIs and RESTful services. Demonstrated versatility by seamlessly integrating features with both Shopify and WordPress platforms to optimize eCommerce functionality and user experience.
- ○ Expertly crafted and implemented multiple Payment Gateway for client's e-commerce sites for diverse markets.
- ○ Implemented advanced analytics tools including Google Analytics, Google Tag Manager, and Facebook Pixel into web applications, empowering precise audience tracking and retargeting strategies to generate quality leads. Collaborated closely with cross-functional teams to pioneer Stop Motion Animation initiatives, enriching digital projects on Shopify and WordPress platforms.

- **Maple Hope**   Remote, Bangladesh
  Web Developer (Fulltime)   *October 2019 - September 2020*
  - ○ Spearheaded the design and development of visually appealing and user-friendly websites for Maple Hope's clients, ensuring optimal functionality across various devices and browsers.
  - ○ Managed and updated web content regularly, maintaining the integrity and relevance of Maple Hope's online presence while adhering to brand guidelines and industry best practices.

PROJECTS

- **Cyberbully Detection in Sports on Social Media (NLP, Deep Learning, TensorFlow, Bidirectional GRU, Python)**: This research tackles cyberbullying in sports using data science and machine learning, developing a real-time detection system on sports-related social media. Evaluating various models, deep learning architectures, especially Embedding + Bidirectional GRU + Conv1D, proved most effective, despite resource demands and challenges with large, sparse matrices in count vectorization.

- **Aspect-Based Sentiment Analysis on Sarcasm (NLP, BERT, Deep Learning, Python)**: This research compares BERT combined with RNN and CNN for aspect-based sentiment analysis. The embeddings used in this research are contextualized word embeddings generated by the BERT model. Both models were trained and evaluated, with early stopping applied to prevent overfitting. Results showed that BERT+CNN slightly outperformed BERT+RNN in terms of accuracy and F1 score, indicating better overall performance in sentiment classification.

- **BanglaMusicMooD: A Music Mood Classifier from Bangla Music Lyrics (Ensemble Technique, Support Vector Machine, Term Frequency-Inverse Document Frequency, Python)**: BanglaMusicMooD successfully demonstrated the potential for accurately classifying the mood of Bangla music through lyrical analysis. The use of an ensemble technique with SVM and TF-IDF for feature extraction proved effective in this context.

- **Analyzing Food Nutrition Consumption Trends Using Machine Learning To Improve Dietary Habits (Consumption Trends, Machine Learning, Dietary Habits, Clustering, Anomaly Detection, Python)**: The research successfully demonstrates the application of machine learning in analyzing dietary habits, offering valuable insights for improving nutrition consumption trends. By categorizing users into dietary groups and detecting anomalies, the study provides a foundation for personalized dietary advice and early intervention strategies. The findings underscore the potential of integrating advanced analytics into dietary tracking applications to enhance individual health outcomes and inform broader nutritional research.

PUBLICATIONS

- **Conference Paper (Submitted)**: "Cyberbully Detection in Sports on Social Media" Submitted to the International Conference on Frontier in Computer Science and Information Technology (FOCUS-2024, Malaysia).

- **Conference Paper**: Nazia Parvin Urmi, Nasir Uddin Ahmed, Md. Habibur Rahman Sifat, Professor Salekul Islam, and Assistant Professor Abu Shafin Mohammad Mahdee Jameel. BanglaMusicMooD: A Music Mood Classifier from Bangla Music Lyrics, in Proceedings of the International Conference on Mobile Computing and Sustainable Informatics (ICMCSI-2020, Nepal), Springer, 2020.

HONORS AND AWARDS

- Pass with Distinction, Master of Data Science, University Malaya - July, 2024
- 3rd Place - PKI (Public Key Infrastructure) Drill - 2023 Organized by The Controller of Certifying Authorities (CCA), Ministry of ICT, Bangladesh.
- IELTS Academic Overall Band: 7.0 (Sep 2021).

VOLUNTARY ACTIVITY

- **International Committee of the Red Cross (ICRC)** : February 2021, attended and completed the Introductory Training on First Aid organized by the International Committee of the Red Cross (ICRC) at the Bangladesh Red Crescent Society (BDRCS) Training Room, Dhaka. The training covered COVID-19 awareness, vaccination, basic first aid, choking management, CPR, and wound care, enhancing the ability to assist in emergencies and contribute to community health and safety.

REFERENCES

- **Associate Prof. Dr. Maizatul Akmar Binti Ismail** : Department of Information System, Faculty of Computer Science and Information Technology, University Malaya. Email: maizatul@um.edu.my

- **Abu Shafin Mohammad Mahdee Jameel**: Assistant Professor (On Leave), Department of Computer Science and Engineering United International University, Dhaka, Bangladesh. Email: amahdeej@purdue.edu

UNIVERSITI MALAYA

Name	:	NASIR UDDIN AHMED
Registration No	:	S2015449
NRIC/Passport No	:	EG0688463
Programme	:	MASTER OF DATA SCIENCE

Examination Result For Semester 1, Session 2022/2023

No	Module Code	Description	Credit	Grade	Grade Point
1.	WOX7001	RESEARCH METHODOLOGY	3	A-	11.10
2.	WQD7004	PROGRAMMING FOR DATA SCIENCE	4	A-	14.80
3.	WQD7006	MACHINE LEARNING FOR DATA SCIENCE	4	B+	13.20

Result	:	PASS
GPA	:	3.55
CGPA	:	3.55

This information is computer generated. No signature required.

Director
Examination and Graduation Centre
Marketing and Academic Services Department
Universiti Malaya

UNIVERSITI MALAYA

Name	:	NASIR UDDIN AHMED
Registration No	:	S2015449
NRIC/Passport No	:	EG0688463
Programme	:	MASTER OF DATA SCIENCE

Examination Result For Semester 2, Session 2022/2023

No	Module Code	Description	Credit	Grade	Grade Point
1.	WQD7001	PRINCIPLES OF DATA SCIENCE	3	A	12.00
2.	WQD7005	DATA MINING	4	B+	13.20
3.	WQD7011	NUMERICAL OPTIMIZATION	4	A	16.00

Result	:	PASS
GPA	:	3.75
CGPA	:	3.65

This information is computer generated. No signature required.

Director
Examination and Graduation Centre
Marketing and Academic Services Department
Universiti Malaya

UNIVERSITI MALAYA

Name	:	NASIR UDDIN AHMED
Registration No	:	S2015449
NRIC/Passport No	:	EG0688463
Programme	:	MASTER OF DATA SCIENCE

Examination Result For Semester 1, Session 2023/2024

No	Module Code	Description	Credit	Grade	Grade Point
1.	GLT7001	BASIC MALAY LANGUAGE	2	A	8.00
2.	WQD7002	DATA SCIENCE RESEARCH PROJECT	4	P	0.00
3.	WQD7008	PARALLEL AND DISTRIBUTED COMPUTING	4	A	16.00

Result	:	PASS
GPA	:	4.00
CGPA	:	3.70

This information is computer generated. No signature required.

Director
Examination and Graduation Centre
Marketing and Academic Services Department
Universiti Malaya

UNIVERSITI MALAYA

Name	:	NASIR UDDIN AHMED
Registration No	:	S2015449
NRIC/Passport No	:	EG0688463
Programme	:	MASTER OF DATA SCIENCE

Examination Result For Semester 2, Session 2023/2024

No	Module Code	Description	Credit	Grade	Grade Point
1.	WQD7002	DATA SCIENCE RESEARCH PROJECT	10	A	40.00
2.	WQD7003	DATA ANALYTICS	3	A	12.00
3.	WQD7007	BIG DATA MANAGEMENT	3	A	12.00

Result	:	Graduate
GPA	:	4.00
CGPA	:	3.82
Class	:	PASS (WITH DISTINCTION)

This information is computer generated. No signature required.

Director
Examination and Graduation Centre
Marketing and Academic Services Department
Universiti Malaya

UNIVERSITI MALAYA

S2015449/1

23 AUGUST 2024

NASIR UDDIN AHMED
FACULTY OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

Dear Sir/Madam,

Master of Data Science

We are pleased to inform you that the University Senate on **22 August 2024** has agreed that the degree of Master of Data Science (with Distinction) be conferred on you.

On behalf of the University, I congratulate you for successfully completing your studies and wish you all the best in your future endeavors.

Please login to the MAYA Portal for final verification and declaration of your profile within one (1) week from the date of this letter. The details from your profile in the MAYA Portal will be used in all of your graduation documents (scroll and academic transcripts).

Stay connected with umconvo.um.edu.my for the latest updates. Alternatively, please email umconvo@um.edu.my for any assistance.

Yours sincerely,

Suhaima Binti Mohd Sani @ Mustapha
Assistant Registrar
for Registrar

c.c.   Dean, Faculty of Computer Science and Information Technology

Executive Director, Marketing and Academic Services Department
Director, Admission and Registration Centre
Director, Examination and Graduation Centre
Director, International Students and Mobility Centre

ACADEMIC ADMINISTRATION AND SERVICES DEPARTMENT
Bangunan Peperiksaan, Universiti Malaya, Lembah Pantai, 50603 Kuala Lumpur, MALAYSIA

Tel: +603 7967 3282 • Email: pengarah_aasd@um.edu.my • Website: aasd.um.edu.my

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
Government of the People's Republic of Bangladesh
জাতীয় পরিচয়পত্র / National ID Card

নাম
নাসির উদ্দিন আহমেদ
Name
NASIR UDDIN AHMED
পিতা
সামসুদ্দিন আহেমদ
মাতা
নাহিদ নাসরীন

Date of Birth 15 Sep 1997
NID No. **240 262 8180**

ঠিকানা: বাসা/হোল্ডিং: ৪/৩০, গ্রাম/রাস্তা: সলিমুল্লাহ রোড, -, ডাকঘর: মোহাম্মদপুর - ১২০৭, মোহাম্মদপুর, ঢাকা উত্তর সিটি কর্পোরেশন, ঢাকা

Blood Group: O+   Place of Birth: DHAKA   Issue Date: 27 Aug 2016

```
I<BGD240262818<07<<<<<<<<<<<<<<
9709155M3108262BGD<<<<<<<<<<<8
AHMED<<NASIR<UDDIN<<<<<<<<<<<<
```