

Naima Islam Nodi

Lebenslauf



Angaben zur Person

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Staatsangehörigkeit Bangladeshi
Geburtstag 04.06.1996, Bangladesh

Studium

2022 - Studium fortlaufend **Master of Science in Natural Language Processing**, *Universität Trier*, Trier, Deutschland
Note: 2.3/1.00

2015 - 2019 **Bachelor of Science in Computer Science and Engineering**, *Bangladesh Army University of Science and Technology*, Saidpur Cantonment, Bangladesh,
Thesis: Correcting Bangla spelling error using clustering algorithm and modified dictionary
Note: 3.98/4.00 (entspricht im deutschen Notensystem einer **1.1/1.0**)

Berufserfahrung

08/2024 - 01/2025 **Studentische Hilfskraft**, *Universität Trier*, Trier, Deutschland

- Workede on *Mismatch Condition in Machine Speaker Identification* project.
- Developed and implemented machine learning models, including feature extraction and noise robustness techniques, to improve speaker recognition performance across varying acoustic conditions.

01/2020 - 08/2023 **Lecturer**, *Ranada Prasad Shaha University*, Narayanganj, Bangladesh

- Developed and delivered lectures on Machine Learning and Neural Networks to class of 80+ students, fostering a deep understanding of concepts and practical applications.
- Designed and taught coursework on Object-Oriented Programming (OOP) concepts and principles using Java.
- Collaborated with a multidisciplinary team of faculty members to revise curriculum, improving course content and delivery methods, resulting in a 20% increase in student engagement.

07/2019 - 01/2020 **Teaching Assistant**, *Bangladesh Army University of Science and Technology*, Saidpur Cantonment, Bangladesh

- Graded and assessed assignments, quizzes, exams, and projects for a class of 50 students, ensuring timely and accurate feedback to support academic performance.
- Developed and prepared engaging course materials and presentations for semester lectures, enhancing student understanding and retention.
- Led tutorial sessions, facilitating discussions and providing targeted support to over a class of 50 students, improving learning outcomes and participation.

Fähigkeiten

Sicherer Umgang Python, Pandas, NumPy, Tensorflow, NLTK, SpaCy, Wav2vec2, Excel, L^AT_EX
Grundkenntnisse Pytorch, Git, JAVA, Linux

Projekte

Digital Doppelgangers An automatic pipeline for generating agent producing synthetic posts that are highly similar to the real social media users across multiple dimensions.

Voice Twins Speaker recognition in forensic contexts based on similar sounding monozygotic twins.

Argument Mining and Reasoning Aligning Argument Structures and Sentiment Shifts in Rejection Letters: A Study of Conflicting Communication Dynamics.

Text Generation N-gram based text generation model for low resource language (Bengali).

Recommendation System A CNN based recommendation system to develop the collaborative filtering in recommending movie for personalized use.

A handwritten signature in purple ink, appearing to read 'Naima', with a long horizontal stroke extending to the right.

Trier, 02.02.2025, Naima Islam Nodi