

Md. Arman Sakif Chowdhury

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Summary

I have experience in problem solving and Python programming language, and was actively engaged in research work based on Machine Learning and Deep Learning. I am open to any Research Collaborations in the field of NLP, Bioinformatics and Human Centered Computing. Please reach out if you have anything to discuss.

Research Interests

- 📖 Natural Language Processing
- 📖 Artificial Intelligence and Machine Learning
- 📖 Data Analysis for Health and Bio-innovation
- 📖 Human Computer Interaction

Employment History

September, 2023 – Present 📖 **Python Developer (Remote)** Techscope, Long Island City, New York.

Education

- 2018 – 2023 📖 **BSc in CSE**,
Department of Computer Science and Engineering,
Ahsanullah University of Science and Technology,
Dhaka, Bangladesh.
CGPA 3.437 out of 4.00 (CGPA 3.54 in last 2 years)
- 2015 – 2017 📖 **HSC**
MC College, Sylhet.
GPA 4.33 out of 5.00.
- 2007 – 2015 📖 **SSC**
Sylhet Government Pilot High School.
GPA 5 out of 5.

Research Publications

Journal Article (Under Review in Q1 Journal)

1. **A. S. Chowdhury**, G. Shahariar, A. T. Aziz, S. M. Alam, M. A. Sheikh, and T. A. Belal, "Tackling fake news in bengali: Unraveling the impact of summarization vs. augmentation on pre-trained language models," *arXiv preprint arXiv:2307.06979*, 2023.

Language Proficiency

English 📖 Good User. (IELTS overall **BAND 7.5**)
Bengali 📖 Native Speaker

Skills

Programming Languages 📖 C, C++, Java, PHP, Python, JavaScript
Databases 📖 MySQL, MS SQL, SQLite, Oracle PL SQL, MongoDB.
Frameworks 📖 Pytorch, Keras, Tensorflow, Bootstrap, Django.
Graphics API/Plotting Library 📖 WebGL, Matplotlib

Projects

Machine Learning 📖 Building KNN from Scratch, Bayesian Classifier

Cryptography 📖 Encryption and Decryption using RSA (python)
Android 📖 CityBoard: A Community App
Website 📖 ZuperMart: A Clothing Store
Misc 📖 Forecast Demand: A simple python program to automate calculation

References

Available on Request