

# Md. Arman Sakif Chowdhury

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## Summary

Dedicated and motivated graduate with a strong academic foundation and a passion for Artificial Intelligence. Proficient in programming languages, data structures, and algorithms and possess a moderate base for problem solving. Co-authored a research paper in the field of Natural Language Processing that is currently being reviewed by a prestigious Q2 journal publication. Able to work well in a team to effectively translate theoretical knowledge into projects that have a real-world impact. I'm eager to achieve success in rapidly evolving IT industry alongside passionate academics.

## Research Interests

- 📖 Natural Language Processing
- 📖 Artificial Intelligence and Machine Learning
- 📖 Data Analysis for Health and Bio-innovation
- 📖 Internet of Things

## Employment History

February, 2020 – April, 2020    📖 **Customer Service Rep.** Just Storys Limited, Dhaka, Bangladesh.

## Education

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

### Mr. Tanveer Ahmed Belal

Assistant Professor

Ahsanullah University of Science and Technology,  
141-142, Love Road, Tejgaon, Dhaka-1208.

✉ belal.cse@aust.edu

Relationship: Was supervisor for 4th year thesis project and course teacher of CSE3100 course - "Software Development-IV".

### Mr. G. M. Shahariar

Lecturer Grade-I

Ahsanullah University of Science and Technology,  
141-142, Love Road, Tejgaon, Dhaka-1208.

✉ shahariar\_shibli.cse@aust.edu

Relationship: Course teacher of the course - "Distributed Database Systems" in 4-1 semester and "Soft Computing Lab" in final semester. Is Co-author and advisor of a research paper.