## Contact & Info

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# Ajmain Mahtab Alam

**GitHub**: Ajmain Mahtab Alam
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## Summary

Driven by a passion for learning about new technologies helped me develop a passion for software development and utilizing technology to tackle intricate challenges. This curiosity has propelled me to hone practical skills through self-directed learning and hands-on experience with a diverse array of technologies. Continuously striving for growth, I actively seek opportunities to expand my knowledge.

## Skill Highlights

- *Python*
- *C*
- *C++*
- *Java*
- *JavaScript*
- *Html*
- *CSS*
- *Django*
- *MySQL*
- *Mongo dB*
- *PHP*
- *Bootstrap*
- *Git*
- *Docker*
- *Machine Learning*
- *Deep Learning*

## Trainings & Certificate

- Python and Django Full Stack Web Developer Bootcamp by **Udemy**
- Basic Safety Training by **Samsung C&T**
- 21st Century Employability Skilling Program – Advanced by **Wadhwani Foundation**

## Education

- BSC in **Computer Science** at **North South University**, Dhaka, Bangladesh. (2020 - Now) - **Final Year Student**
- Higher School Certificate **(HSC)**: **Science** (2019) **Govt. City College,** Chattogram, Bangladesh
- Secondary School Certificate **(SSC)**: **Science** (2017) **Chattogram Collegiate School,** Chattogram, Bangladesh

## Experience

- **SQA Tester (Part Time):**
  Worked as a manual tester focusing on user experience, functionality, and overall quality assurance and reported the issues to the developers. (Nov,2023 – Jan,2024)

- **Trainee Engineer:**
  Worked as a trainee engineer for the Data Science Department Under the Enhancing Digital Government & Economy (EDGE) at **Octopus Communication Ltd.** (Oct,2023 - Jan,2024)

## Projects

- **A Simple Multimodality Transfer Learning Baseline for Bangla Sign Language Translation:** Used yolov8 to extract the text from an image and used the GPT3.5 as a language model to make a sentence using the texts.
- **A Speech to text recognition:** Used deepspeech2 to convert the speeches to text sentence.
- **IPL Score Prediction:** Using Machine Learning algorithms decision tree regressor, linear regression, random forest regressor and support vector machine to predict the final score of a match.
- **Air Quality Prediction:** Using Machine Learning algorithms KNN Classifier, Random Forrest Classifier, Logistic Regression, Gaussian Naive Bayes & SVM to predict the air quality in Dhaka.
- **Online Shopping Website:** Built an online shopping website using HTML, JS, CSS, PHP, Bootstrap and MySQL.
- **Star Social:** Created a social website using Django.

## Thesis

- **A Simple Multimodality Transfer Learning Baseline for Bangla Sign Language Translation:** Used yolov8 to extract the text from an image and used the GPT3.5 as a language model to make a sentence using the texts. (On progress)

- **Bangla Speech to text recognition:** Used deepspeech2 to convert the speeches to text sentence. (On progress)