

Education

Winter 2015 – Winter 2019 (expected) **BSc in Computer Science** | *International Islamic University, Malaysia*
CGPA 3.22/4.00 (up to level 4 term 1, 1 term remaining)

Online Courses

Python for NLP from Data-Camp Course

It is an online course from Data-Camp for Natural Language Processing. In this course there are lot of exercises for each NLP topic and I had to complete all. They provided some instructions before going for the exercises. I learned few Frameworks and Libraries like NumPy, Scikit-learn, SciPy and Pandas.

Learning R for Data Science from Data-Camp

It is a basic course in R from Data Science. It is all about how to use R language for Data Visualization, Predictions and Data Analysis. There are few chapters on R and have to complete every chapter to get another chapter.

Web Programming for HTML and CSS from W3School and SOLOLEARN

W3Schools' is an educational website for learning web technologies online. Content includes tutorials and references relating to HTML, CSS, JavaScript, JSON, PHP, Python, AngularJS, SQL, Bootstrap, Node.js, jQuery, XQuery, AJAX, and XML. From all these courses I have learned HTML, CSS and JavaScript. The SOLOLEARN is also an online platform where they give lot of quizzes for each topic and to get into next level have to finish the previous one. It was given by our Web Programming Lecturer.

SQL for Data Science from Data-Camp

In this course they give four chapters in SQL for Data Science which are Selecting Columns, Filtering Rows, Aggregate Functions and Sorting, grouping and joins.

Data Structure and Algorithm from Udemy

In this course I have covered the data structure and algorithms in C++ language. I have learned most of the algorithms including Sorting, Stack, Queue, Binary Search and also solving programming contest problems related to the algorithm topics.

Selected Projects

2018 FYP- AI Chat-Bot for Customer Recommendation (Research based)

The goal is to build an AI chatbot that help customer to choose their products. The bot will be accessible from Skype and Facebook online store. Customers can directly talk and acquire recommendation. They can feel like they are talking to a human shop assistant. The Bot will use NLP and Machine Learning to act like a human, so that it can translate any language and can interact with different language speaking peoples. API translator will be used for translating other language. The Bot will be trained by using Machine Learning Algorithm to make the Bot like a human being.

Used Tools and Platforms

- Microsoft Azure Bot Service
- Microsoft Azure QnA Maker Service
- Microsoft Azure Machine Learning Studio

2018 Sentiment Analysis in Tweeter (French Language)

This project demonstrates the implementation of Sentiment Analysis in Twitter. It figures out the positive, negative and neutral sentiment polarity of tweets related to French Parliament Debate among the seven candidates from twitter.

Used Tools and Platform

- Python
- Twitter database

2018 INT'L Cuisine Predictor

Using Big Data in Food industry to get insights of different Cuisines around the world. We can predict different Cuisines from their Ingredients. Every country maintains their own recipe to keep their taste unchanged. We used 2965 distinct ingredients from 20 Cuisines. To remove morphology commoner (to convert plural word to singular).

Used Tools and Platforms

- PORTER STEMMING ALGORITHM and Feature Engineering – to count each ingredient separately.
- NAÏVE BAYES ALGORITHM to get our result accurately.

Awards & Scholarships

2017 **Dean's List** | *Department of Computer Science, IIUM*
One semester

Technical Skills

Languages C/C++, Python, Java, JavaScript, html, R, CSS, SQL
Frameworks & Libraries NumPy, Scikit-learn, SciPy, Pandas.

Software **Android Studio** for Mobile Application
Orange for Big Data
Quick Stego for Forensic
Power BI for Visual analytics
Microsoft azure for AI Chatbot

OS Windows

Extra-curricular Activities

2015-2016 **Mega Charity Theater** | *International Islamic University, Malaysia*
Actress

It was a Charity Theater for some needy peoples in Bangladesh. It was a stage drama to show the audience that when a Bangladeshi worker come to Malaysia for working purpose, how they face problems and how they are treated. The drama was a motivational stage performance and a story about a young boy and his mother who came to Malaysia to give his father justice for the crime he did not do. I participated as the mother of the young boy.

2015 **Hult Prize** | *International Islamic University, Malaysia*
Multimedia

It is a platform for every student who wants to share their innovative business ideas what they dreamed to do in their life. The Hult Prize is the best platform to make their dreams come true.

The winner of the competition wins a chance to visit America to present their idea and let the world know their innovation. I worked as a program organizer in Multimedia sector.

2017 **Spordemic Challenge (Debate)** | *International Islamic University, Malaysia*
Winning 3 rounds out Of 6

It was a debate challenge competition in IIUM. For the first time I compete with professional debater and won 3 rounds out of 6 with my partner. The organizer gave one different topic in each round and gave only 15 mins to prepare for the debate.

Others

Citizenship **Bangladeshi**

Religion **Islam**

Referees

References available upon request.