
Education

Winter 2015 – Winter 2019 **BSc in Computer Science** | *International Islamic University, Malaysia*
CGPA 3.22/4.00

Online Courses Python for NLP from Data-Camp Course, Learning R for Data Science, Web Programming for HTML and CSS from W3School, SQL for Data Science from Data-Camp, Building Dashboard in Power BI

Selected Projects

2019 **Power BI Data Modeling and Visualization**

Implemented a semantic business-oriented data model, that presents the data as logically linked tables, mashed up from different sources, presenting a unified, consistent view of the underlying data, using friendly names, understandable to the business users. Used Data Analysis Expressions (DAX) to derive new data for the model. Lastly, build a Power BI dashboard for the project to get powerful insights from the data model that I have created before.

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

Build an AI chatbot that helps customers to choose their products. The bot is accessible from Skype and Facebook online store. Customers can directly talk and acquire a recommendation. They can feel like they are talking to a human shop assistant. The Bot uses NLP and Machine Learning algorithms to understand and identify the question patterns so that it can translate any language and can interact with people of different languages. API translator has been used for translating other languages.

2018 **Sentiment Analysis in Tweeter (French Language)**

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

2018 **INT'L Cuisine Predictor**

Using Big Data in the Food industry to get insights into different Cuisines around the world. We can predict different Cuisines from their Ingredients. Every country maintains its own recipe to keep its taste unchanged. We used 2965 distinct ingredients from 20 Cuisines. To remove morphology commoner (to convert the plural word to singular), we used PORTER STEMMING ALGORITHM and Feature Engineering – to count each ingredient separately. We used NAÏVE BAYES ALGORITHM to get our results accurately.

Experience

2019 (Feb – Aug) **Internship at Grenapps Solution Sdn Bhd**

It was six months of industrial training as required by my university. I finished my internship as an Application Developer. I worked in 2 big govt. projects during my internship. I did all the Back-end coding to full fill the project's requirement

Awards & Scholarships

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

Technical Skills

Languages C/C++, Python, Java, JavaScript, html, CSS, PHP, Node.js, View.js.

Frameworks & Libraries NumPy, Scikit-learn, SciPy, Pandas, Laravel.

Software **Android Studio** for Mobile Application
Orange for Big Data
Power BI for Data Visualization
Azure Data Factory ETL framework

OS Windows, Linux (Ubuntu)

Extra-curricular Activities

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

It was a Charity Theater for some needy peoples in Bangladesh. 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 the 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.

2015-2017 **IIUM Bangladesh Community** | *International Islamic University, Malaysia*
Committee Member

IIUM Bangladesh community organizes a big welcoming program for the new Bangladeshi students in every semester. I worked as a program organizer, to make the program perfectly organized.

2015 **Sisters Cultural Night (Ummatic Festival)** | *International Islamic University, Malaysia*
Winning Country

It is a one-week cultural performance festival. The different country performs their cultural dance, drama, melodrama and singing to represent the culture of their country.

Others

Citizenship **Bangladeshi**

Religion **Islam**

Referees

References available upon request.