Rifad Lafir

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EDUCATION

UNIVERSITY OF MANCHESTER
MEng in Computer Science
September 2016 - June 2021
1st Year Result: 71.5% (First Class)

DPS-MODERN INDIAN SCHOOL
Grad. May 2016 | Doha, Qatar
Final Exam Result: 93.2%

LINKS

Facebook://**r1fad**
Twitter://**r1fad**
Github:// **r1fad**
LinkedIn:// **rifadlafir**

COURSEWORK

UNDERGRADUATE
Taken courses in:
Object Oriented Programming with Java
Mathematical Techniques for CS
Fundamentals of Artificial Intelligence
Fundamentals of Computation.

SKILLS

PROGRAMMING
Strong:
Java • Python
Knowledgeable:
Node.js • LATEX • React

PROJECTS

ANALYSIS ON ED SHEERAN'S DISCOGRAPHY
Website: https://r1fad.github.io/edSheeran
Collaborated on a project to analyze lyrics of Ed Sheeran's Discography. Scraped Discography lyrics using Python and performed sentiment analysis on the lyrics using Spotify's and Google's API. Visualized results using D3.js and concluded that most of his songs are lyrically similar and have a positive sentiment.

DIFFPOST
Collaborated on a project which finds projects on https://devpost.com that are similar to a project input by the user. Built a web scraper using Python that would scrape projects from each hackathon that happened in the UK since 2014.
Project made at HackTheBurgh 2017(Hackathon).

CONTENT | AMAZON ALEXA SKILL
Obtained news headlines from categories like Politics, Business and Technology and then fed them into Google Cloud Text Analytics which assigned a sentiment score to it using Python. Built an Alexa skill using Node.js which would read out a headline in a user-specified category with the highest sentiment score and would also text the user the URL for the news article if the user is interested.
Project built at ICHack '17 (Hackathon).

MANCBOT | MESSENGER CHATBOT | http://m.me/mancbot
Worked on a messenger chatbot that answers questions about the University of Manchester as part of the First-Year Team Project. Used technologies like Recast.AI for the NLP, FieldBook to store information about the University and Node.js to program the bot.

EXPERIENCE

COMPUTER SCIENCE SOCIETY(CSSOC) | Co-Chair
Since May 2017
- In charge of chairing society meetings and organizing social and educational events with the help of other members for students in the Computer Science department at the University

UNIVERSITY OF MANCHESTER | 1st Year Student Representative
October 2016 - May 2017
- Served as a liaison between the student community at University of Manchester's CS School and the staff members.

STUDENTHACK V | Volunteer
March, 2017 | Salford, UK
- Participated in a 36 hour long hackathon as a volunteer.
- Was responsible for registering attendees and helped with clean up of the venue after event ended

INTERESTS

- I participate in hackathons around the UK during some of my weekends. Previous hacakthons include HackTheBurgh(Edinburgh), GreatUniHack(Manchester) and ICHack(London).
- I like taking pictures in my spare time. I maintain an **Instagram** account where I showcase them.