

# MD ANAM RAIHAN

## Dual Degree Student at IIIT Hyderabad

@ md.anam.raihan17@gmail.com  
in linkedin.com/in/anam-raihan

+91-8297066611  
github.com/iamar7

OBH-365, IIIT Hyderabad, Gachibowli

Hyderabad, India

## EXPERIENCE

### Backend Intern

#### T-Hub ( Indrakart Pvt. Ltd. )

Aug 2016 – Dec 2016 Hyderabad, India

- Synchronization of many databases into a single database in PHP.
- Worked with the team to synchronize the offline and online sales of the registered sellers.

### Research Assistant

#### Centre for IT in Building Science

August 2017 – Present Hyderabad, India

- Developed GIS based toolkit to map the current energy use from dwelling and aggregate them to an urban scale.
- Evaluating the savings from various energy reduction measures.
- Worked on prediction of energy consumption in commercial buildings using applied ML Techniques.

### Teaching Assistant

#### IIIT Hyderabad

Jan 2019 – May 2019 Hyderabad, India

- Responsible for conducting tutorials, organizing quizzes, grading assignments and exams.

## ACHIEVEMENTS

- Selected in Dean's Merit List for Academic Excellence in 2018. Awarded to top 10% of class
- JEE Mains & Advanced within top 2% among 1.5 million students
- Selected in the top teams across India for IOT Hackathon
- Received certification to complete the specialization in GIS

## EDUCATION / COURSES

### B.Tech & MS by Research

CGPA: 8.1

June 2015 – 2020 Hyderabad, India

#### Relevant Courses

- Statistical Methods in AI, Data Mining, Artificial Intelligence
- Data Structures & Algorithm, Big Data & Policing, Database Systems, Probability & Statistics

## SKILLS

C++, Python, Unix, Web2py  
Numpy, Scikit Learn, Matlab, Django



## PROJECTS

### Movie Rating Predictions

- Predicted and identified major factors affecting Movie Ratings from the data provided
- Extracted useful features from classifying techniques like Naive Bayes, Decision Trees and Support Vector Machine.

### Customer Review

- Mined the features of the product on which customers have expressed their opinions.
- Identified frequent features and opinion words
- Opinion Summary was generated using ML techniques.

### Wikipedia Search Engine

- Designed a scalable and efficient search engine using 70GB of Wikipedia data.
- The search engine outputs the top certain relevant documents based on the search query.

### Ultimate Tic-Tac-Toe

- Developed an Ultimate 4 by 4 TIC TAC TOE BOT using minimax search and alpha beta pruning technique.
- A heuristic was developed based on various board positions and dynamic weights.

### Mini SQL Engine

- Built an emulation of an SQL engine which took SQL commands as input, and using given database, provided the related output.

### Task Management App

- Developed a webapp in python where users can assign task with resources and deadlines.
- Multiple people can collaborate together.

## POSITIONS OF RESPONSIBILITY

### Student Placement Committee

#### Co-ordinator

Jan'18 – Jan'19 Hyderabad, India

- Co-ordinated the 2018-19 placements drive with a team of 8 students, managing over 100 companies and 250+ students.

### Felicity Core Committee

#### Co-ordinator

2017 - 2018 Hyderabad, India

- Responsible for organizing an inter college Gaming Event(Zombie Zone) in Felicity 2018
- Also organized LAN tournament in the campus for increasing esports audience