

Zoya Khan

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EDUCATION

B.Tech in Information Technology
INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN
Expected: June 2019 | Delhi, India
Percentage: 84.99

AISSCE- CLASS XII (CBSE)
Mater Dei School
2015 | Delhi, India
Percentage: 95.4

AISCE- CLASS X (CBSE)
Mater Dei School
2013 | Delhi, India
CGPA: 10

SKILLS

PROGRAMMING LANGUAGES

C • C++ • Python • R

WEBSITE DEVELOPMENT

Languages: **HTML • CSS**
Frameworks: **Bootstrap • Django**

DBMS
MySQL

OPERATING SYSTEMS

Linux • Windows

DATA VISUALISATION

Matplotlib • Tableau • Plotly

DATA ANALYSIS AND

MACHINE LEARNING

Libraries : Scikit-learn • Numpy • Pandas

LINKS

Github: [//zeddmxx](https://github.com/zeddmxx)
Hackerrank: [//Coder19](https://www.hackerrank.com/zoya1996k)

COURSEWORK

GRADUATE

Algorithm Design and Analysis
Database Management System
Data Structures
Artificial Intelligence
Object Oriented Programming
Operating System
Data Mining and Warehousing

TRAINING AND INDUSTRIAL EXPOSURE

SAP Labs India, Gurgaon – INTERNSHIP June-July 2018

- Contributed in a Machine Learning project to provide Tax Insights for the Office of State Revenue, Queensland, Australia

Indraprastha Institute of Information Technology, Delhi (IIIT-D) – INTERNSHIP June-Aug 2017

- Dynamics of Online Public Debate on Environmental Policy: The Case of Odd Even in New Delhi.

Delhi Metro Rail Corporation (DMRC) – INTERNSHIP June-July 2016

- Developed a Complaint management system for Delhi Metro using PHP, MySQL

Social and Economic Network Analysis – Stanford University MOOC November 2017

Applied Social Network Analysis in Python – University of Michigan MOOC December 2017

R Programming – Johns Hopkins University MOOC June 2016

- Learnt extensive data manipulation using R using libraries like ggplot, ggvis, dplyr and many more.

Data Scientists Toolbox Johns Hopkins University MOOC May 2016

- Learnt about the various techniques of Data Analysis

PROJECTS

MoveR April 2018

Developed a user based movie recommender system for suggesting movies to new users based on how the user rates a list of movies provided to him

- Technologies:** scikit-learn and pandas for dataset manipulation, initial data analysis and making prediction.

ANALYSIS OF TWEETS DURING ODD EVEN June-Aug2017

Analysed the tweets made by Delhi NCR users during the Odd Even policy to draw inferences about different user groups.

- Technologies:** Used Tweepy for accessing Twitter's API and numpy, nltk, pandas, scipy and scikit-learn for data manipulation. Tableau for data visualisation.

WEB SCRAPER FOR TRIPADVISOR | June 2016

I developed a scraper which would scrape Reviews of hotels from the TripAdvisor website and generate a CSV file as output using BeautifulSoup and requests libraries.

ENTREPRENEURSHIP DEVELOPMENT CELL

WEBSITE | March 2016-April2016

Contributed to the development of Website for college's E-Cell.

ACTIVITIES AND ACHIEVEMENTS

ACADEMIC ACHIEVEMENTS.

- Awarded a scholarship of INR 10,000/- in class X
- School topper in Economics in Class XII CBSE Board exams

POSITION OF RESPONSIBILITY

- Team member at **Rotaract Club** and **LeanIn**.
- Volunteer at **Blood Donation Camp** held at IGDTUW
- Student Representative, **IEEE Executive committee 2016**.
- Core member of **Mozilla Club of IGDTUW**.
- Core Web-Developer at **Entrepreneurship Development Cell of IGDTUW** and **Taarangana**, the annual cultural fest of IGDTUW.