

## EDUCATION

Diploma in Advanced Studies and Research, Computer Science and Economics concentration	Ashoka University	2019	Current GPA: 3.74/4.0
BSc. Hons., Computer Science and Math	Ashoka University	2018	3.68/4.0, Major: 3.83/4.0
Class XII CBSE, Science Concentration	St. Columba's School	2015	Percentage: 94.6/100

## OTHER PROFESSIONAL COURSES

Data Science and Big Data Analytics	University College London	2017	Grade: A-
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## WORK EXPERIENCE

### Citizen Science Lab, New York | *Data Analyst* May '18 – Present

- Built a repository of **interactive graphs** and **dashboards** which greatly assisted NYU Professor Vishal Singh in his comparison of different countries.
- Developed modules to **parse** and **clean** publicly available data from entities such as the World Bank, IMF, Gallup and WHO using **R** and **Excel**.
- Designed and developed** beautiful **interactive visualizations** using **Tableau** and **R**.

### Ashoka University | *Teaching Assistant* Aug '18 – Dec '18

- Assisted in the preparation of lecture materials and ran laboratory sessions for CS-208 (**Probability and Statistics**).
- Held **weekly office hours** for students to help **clear** their **doubts** and **solve** their **problems**.

### INME Learning Pvt. Ltd, Gurgaon | *Database Administrator* Jun '16 – Aug '16

- Designed** a new **entity relationship model** to replace the existing database management system.
- Maintained** and **re-structured** the **database** systems using **SQL Server 2012**.
- Developed** a **CRM** using **Yii** framework and **PHP**.

## PROJECT WORK

### Enron Email Clustering Fall '18

Clustered over **40,000+ emails** from the Enron dataset using **K-Means** and **DBScan**, followed by a thorough cluster analysis. Achieved **huge improvements** on previous attempts.

### Plagiarism Detector Fall '17

Developed a **plagiarism detection** application that looks for matches in semantic meaning using **NLTK** in **Python**. Achieved **86% plagiarism detection** rate on a self-developed dataset of academic essays.

### World Happiness Report Analysis Summer '17

Analysed the **Global Happiness Dataset** and ran **regression** models on **R** to study factors that affect happiness. **Obtained model** that predicts happiness score with the **highest efficiency**.

## TECHNICAL SKILLS

**Languages:** Python, R, Stata, SQL, MATLAB, C++

**Technical Concentrations:** Machine Learning, Data Visualization, Data Analysis

**Software and Frameworks:** TensorFlow, Keras, LaTeX, Tableau, Django, Weka

## LEADERSHIP SKILLS

### Founding Member, Manan

**Founded** a student-run initiative to **teach English** to underprivileged village children around Ashoka University. Tied up with *Step Up for India* for training teachers and developing a curriculum. Over **30+ student volunteers** and **50+ students engaged** currently.

### Volunteer, Gift a Smile Project, Art of Living Foundation

Raised money to **sponsor education** for **15+ children**, allowing them to pursue their academic interests and build a career for themselves.

## AWARDS AND ACCOMPLISHMENTS

- Cum Laude** (2018); **Dean's List Honours** (2016, 2017, 2018).
- Squash, Top 16 Junior Squash Nationals** (2014), **Inter-University Nationals** (2018)