

# KASTURI MITRA

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## Work Experience & Projects

### Data Science Intern at BioXcel | June 2019 - July 2019

Scraped and analysed bio-pharmaceutical data to predict drug-disease correlation using machine learning models | Python, KNIME, Power BI

### Visualizing World Data | December 2018 - January 2019

Created visualizations of various socio-economic factors | Tableau

### Text Analysis of White Hole | June 2018 - July 2018

Analysed a novel for word frequencies, correlations and sentiments | R

### Data Science Intern at M1xchange | May 2018 - June 2018

Risk profile analysis using historical financial data | R, Pentaho

## Education

### University of Edinburgh

MSc in Data Science

Expected graduation August 2021

### University of Delhi | 2020

BSc in Computer Science (Honours)

Minor in Mathematics

CGPA 9.28, First Division

### Delhi Public School, Gurgaon (CBSE, India) | 2017

Physics, Chemistry, Mathematics, English, Computer Science

Standard XII 92%

Standard X 10.0 CGPA

### Related Coursework

Programming in Java and C++, Calculus, Discrete Math, Linear Algebra,

Data Structures, Design and Analysis of Algorithms, DBMS, Artificial

Intelligence, Machine Learning, Data Mining

Completed multiple online courses on Data Science and Machine Learning

## Skills

Fluent in: C/C++, Python, Java, PHP, R, SQL, HTML, CSS, Markdown  
Familiar Tools: pandas, numpy, scikit-learn, ggplot, git, Tableau, Android Studio, KNIME, PowerBI

## Activities

### Organizer for Automata | 2019

Inter-college computer science symposium

### Founding Member of Pixelated Coders | 2019

College tech club; organized advanced Computer Science workshops

### Writer and publisher of White Hole | 2017

A novel on Amazon

### President, Redshift | 2016-17

School physics club; member since 2015

### Organizer for Capax Infinitum | 2016

Inter-school science symposium

### Member of NODE | 2015-17

School computer club

### 1<sup>st</sup> prize in CreateX, AlphaNode | 2015

Inter-school web development event

### Part of Indo-French Exchange | 2015

### Holder of DELF, French diploma, at A2 level | 2014