

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

1st 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