

# Aditya Attri

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## Education

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**Vellore Institute of Technology**

**Bhopal, India**

Bachelor of Technology - Computer Science

**XII (CBSE) | MDN Public School**

**Rohtak, India**

## Academic Projects

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**Cryptocurrency Data Analysis - Data Science based project | [Link](#)**

- Worked with a large amount of data to manipulate and visualise market trends with various old and new cryptocurrencies based on their market value and volume. Using Candlestick charts to plot Bitcoin and Ethereum prices - Seaborn, Matplotlib, MPLfinance.

**Motion Detector and Tracker | [Link](#)**

- Build a model to detect moving objects in front of a webcam and record the timespan of the motion by analysing different consecutive frames - OpenCV, DataFrames.

**Multiclass Image Classification | [Link](#)**

- Implemented Machine Learning model for animal(cat, dog, snake) image classification to categories images by normalising matrices - CNN, Tensorflow, Keras.

## Technical Skills

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|------------------------|---|
| • <b>Languages :</b>   | Python, Java, C++, HTML                       |
| • <b>Frameworks :</b>  | Numpy, Pandas, Scikit, Tensorflow, Matplotlib |
| • <b>Platforms :</b>   | PyCharm, Jupyter Notebook, Visual Studio Code |
| • <b>Courseworks :</b> | DSA, ANN, Machine Learning, Operating Systems |

## Certificates and Achievements

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**Applied Machine Learning in Python (Michigan) | [Certificate](#)**

- Mastered different approaches to build predictive models, evaluated data clusters and learned about the basics of SciKit Learn.

**Business Analysis and Process Management | [Certificate](#)**

- Analysed business problems and broke them down to find applicable and most relevant solutions, and learned how they flow within organisational context.

**Litcoder: Solved 15+ labs and 10+ contest problems.**