

Virat Mishra

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Education

IIIT Hyderabad

MASTER OF TECHNOLOGY IN COMPUTER SCIENCE

Hyderabad, Telangana

August 2019 - present

Netaji Subhas Institute of Technology (University of Delhi)

BACHELOR OF ENGINEERING IN INSTRUMENTATION AND CONTROL, PERCENTAGE: 66.98

Delhi

August 2014 - May 2018

Sachdeva Public School (CBSE)

ALL INDIA SENIOR SCHOOL CERTIFICATION EXAM (AISSE), PERCENTAGE: 94.2

Delhi

March 2014

Sachdeva Public School (CBSE)

SECONDARY SCHOOL EXAM, CGPA: 10

Delhi

March 2012

Projects

Machine learning projects

- Implemented logistic regression, decision trees, text classification using Naive Bayes classifier, image classifier and twitter sentiment analyzer.

Quadcopter modelling in MATLAB with hardware implementation

- An elaborate model of Quadcopter was designed in MATLAB to study the effects of disturbances and resulting responses of stabilizing actions from the quadcopter.
- Hardware model was built as well using Arduino Due microcontroller.

Voice commanded document writing Apparatus

- Made an apparatus capable of writing in real time the dictated voice commands, implemented algorithms to control the motion of writing pen and capable of tracing out images as well, on the myRIO development board using LabVIEW software.

Skills

Languages Python, C, C++, MATLAB, LabVIEW (graphical coding)

Libraries Pandas, Numpy, Scipy, Jupyter, Scikit-learn

OS Linux, Windows

Achievements

Certifications

- Codechef certified data structures and algorithms programme (CCDSAP).
- Machine learning certification by Coding Ninjas.

Others

- Held a global rank of 1016 in Codechef (1670 3 star rating).
- Secured 99.54 (AIR 450) percentile in GATE 2019.
- Finalist out of 2000 teams at NIYANTRA 2016 - The Annual Graphical System Design Contest organized by National Instruments.
- Won inter-school lawn tennis competition.