

Virat Mishra

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Education

IIIT Hyderabad

MASTER OF TECHNOLOGY IN COMPUTER SCIENCE

CGPA: 8.3

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 (AISSCE), PERCENTAGE: 94.2

March 2014

Sachdeva Public School (CBSE)

SECONDARY SCHOOL EXAM, CGPA: 10

Delhi

March 2012

Projects

Peer to peer file transfer

- A torrent-like file sharing program with support for simultaneous parallel downloads from multiple peers.
- Added group control policies along with multiple tracker synchronization.

Linux shell implementation

- Implemented own shell having functionalities akin to bash shell
- Added support for pipes, redirection, history, environment export etc.

Machine learning projects

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

Quadcopter hardware model with MATLAB simulation (Bachelor's)

- Made quadcopter hardware model along with MATLAB simulation to analyze the effects of disturbance and resulting stabilizing response of the quad.

Skills

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

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

OS Linux (Ubuntu), 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.