

Vishal Aggarwal

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India

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EDUCATION: Bharati Vidyapeeth's College of Engineering, Delhi, India

Bachelor of Technology, Information Technology, Aug 2014 - July 2018(expected)

Overall percentage: 75.4%

Mukherjee Memorial Sr. Sec. School, Dilshad Garden Delhi

XII (Senior Secondary), Science

X (Secondary)

Overall percentage: 90.8%

CGPA: 9.0/10

SKILLS:

Advanced Programming Languages: C, Python.

Other Programming Languages: Java (basic), SQL.

Web Development (Basic): HTML, CSS, Bootstrap, PHP.

Framework: Django.

Coursework: Operating Systems; Data Structures; Object Oriented programming; Theory of Computation; Algorithms; Computer Networks.

TRAINING:

Airports Authority India:

Worked on APRON Management System and created a Django web app for same, under the guidance of GM V.K Sharma.

PROJECTS:

Optimal Filter Size of Convolution Neural Networks for Handwritten Digit Recognition:

- Worked on single layer CNN on 28×28 images (MNIST dataset) with 32 filters followed by dense fully connected neural network.
- Minimize the error from **0.99% to 0.82%**.
- The optimal filter size found to be **7 X 7**, which cannot be optimized further for the same configuration of CNN.
- Languages/ IDE used: Python/ Jupyter Notebook

APRON Management System:

- Worked on web app to control the parking area of airplane.
- Languages/ Frameworks used: Python, HTML, CSS, Bootstrap, Django.

**File Compressor,
Result Enquiry Portal,
Data visualization projects.**

Projects Link:

<https://github.com/vishalagg>



INTERESTS:

Programming, singing, reading blogs especially about MACHINE LEARNING.

**ONLINE :
PRESENCE**

<https://github.com/vishalagg>

<https://www.hackerearth.com/@vishalagg1994>

<https://www.linkedin.com/in/vishal-aggarwal-04101b124/>