Vishal Aggarwal

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India   vishalagg1994@gmail.com

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.

bit-url (URL-Shortener): https://biturl-.herokuapp.com/

- biturl is a django app to provide url-shortenening service.
- 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.

ONLINE   : https://github.com/vishalagg
PRESENCE   https://www.hackerearth.com/@vishalagg1994
https://www.linkedin.com/in/vishal-aggarwal-04101b124/