

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 : HTML, CSS, Bootstrap, Javascript..
Framework/Library: Django, Keras, numpy, pandas, matplotlib, jQuery.
Coursework: Operating Systems; Data Structures; Object Oriented programming;
Theory of Computation; Algorithms; Computer Networks.

INTERNSHIP: **Software Developer intern at 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-shortening service.
- Languages/ Frameworks used: Python, HTML, CSS, Bootstrap, Django.

eCommerce(sample):

- Languages/ Frameworks used: Python, HTML, CSS, Bootstrap, Django.js.

Car Price prediction.(All Projects are available on github)

EXTRACURRICULAR ACTIVITIES : Secure 527 rank out of around 10K contestants in DECEMBER CIRCUIT'17 Competition on hackerearth.(9 days long challenge.)
98.33%ile in C and 97.25%ile in Python on hackerearth.

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