Abhinav Agarwal

A forward looking, problem solving sophomore in IT with keen interest in Data Science

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EDUCATION

Manipal Institue of Techology
B.*tech*. in Information Technology
Expected - July 2021

RELEVANT COURSEWORK

Object Oriented Programming + Lab
Data Structures + Lab
Software Engineering + Lab*
Database Systems + Lab*
Mathematics: Calculus, Linear Algebra,
Ordinary Differential Equations, Set & Group
Theory, Graph Theory, Probability Theory
* to be completed by May 2019

SKILLS

Programming: C, C++, Python, Java
Data Science: R, R Markdown, Shiny
Web Development: HTML/CSS, JavaScript
Softwares: AutoCAD, Bash, MySQL, MATLAB*
* to be completed by May 2019

INTERNSHIPS

Data Science (patents)
CSIR-CDRI (Work from Home)
January 2019 – February 2019
This internship involves Evaluation of growth of Herbal Medicine Patents through Natural Language Processing using Python.

RELEVANT CERTIFICATIONS

Business Foundations Specialization
By Wharton School of Business

Business Analytics Specialization
By Wharton School of Business

Emerging Technologies Specialization
By Yonsei University

Introduction to Discrete Mathematics
By UC San Diego & NHRU Russia

Note: All the links in blue are clickable

Data Science Specialization
By Johns Hopkins *University*

Machine Learning
By Stanford University

RELEVANT PROJECTS

Flipkart Object Localization Challenge
The challenge involved building bounding box around objects in over 24000 images.

Natural Language Processing Challenges
These 3 challenges on Hackerrank involved solving some of the best NLP problems available.

Data Science Projects
These 10 projects were done as a part of JHU Data Science Specialization.

DubCen - Calculators and Converters
DubCen is a JavaScript and HTML5 based application with the aim of providing many useful calculators and converters at one place with a good GUI. Also developed a cloud-based software activation system using FastSpring and SHA-256 encryption.

HONORS & ACHIEVEMENTS

- *All India Rank 1 in National Financial Literacy Assessment Test 2014 organized by top regulatory bodies of India.*
- *10 CGPA in Class 10th Under CBSE, Delhi*
- 86.8% in Class 12th under CBSE, Delhi

VOLUNTEERING EXPERIENCE

- Organizer in TechTatva and Revels, the national level fests of MIT Manipal
- Mentor in C++ and Data Analytics in R in GirlScript Manipal winter program
- Completed introductory courses in Positive Psychology
- Member of The Psych Club Manipal
- Campus Ambassador of Coursera
- Active member of aviation enthusiasts communities like aviation stack exchange and airliners.net