DILPREET SINGH CHAWLA

B. TECH CSE STUDENT

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◯ iamdsc

I am a Data Science and Machine Learning enthusiast, a pythoneer, passionate about solving Competitive Programming problems, building Web Development projects and tackling real-world problems with innovative ideas.

Skills

PROGRAMMING LANGUAGES
Python
C
Java
C++

OS
Windows
Linux (Ubuntu)

FRONT - END
HTML5
CSS3
JavaScript
jQuery
Bootstrap

BACK - END
django
flask

PYTHON MODULES
Numpy
Matplotlib
Pandas
Scikit-Learn
Tensorflow
Keras

DBMS
MySQL
NoSQL (neo4j)
sqlite3
PL/SQL

Education

Indian Institute of Information Technology Kalyani
July 2016 to Apr. 2020
Bachelor of Technology Computer Science and Engineering
CGPA - 9.57

Sunbeam School Lahartara, Varanasi, U.P.
Apr. 2014 to Apr. 2016
Central Board of Secondary Education Science
93%

St. John's School Marhauli, Varanasi, U.P.
Apr. 2002 to Apr. 2014
Council for Indian School Certificate Examination Computer
94.7%

Internships

Complex Networks Research Group (CNeRG) Lab
IIT Kharagpur
Summer Research Intern
May 2018 to June 2018

Cyber Boxer AI Pvt. Ltd.
Nehru Place, Delhi, India
Data Science Intern
May 2019 to July 2019

Projects

Humor Detection in one-liners
Feb. 2019 to Apr. 2019
Built a deep learning model with Keras to classify one-liner text as humorous and non-humorous.

Smart Sanskrit Annotator
May 2018 to June 2018
Built an Annotation Tool for Active Learning in Sanskrit Computational Linguistics using django web framework and applying NLP concepts.

Automated Attendance System
July 2017 to Dec. 2017
Built a desktop application using PyQt and OpenCV to automate the task of attendance using facial recognition and image processing.

Salary Management System
May 2018 to July 2018
Built a Java Application for managing salary of the employees.

Automatic Helmet Detection System
Aug. 2018 to Current
Detected Bike-Riders without helmet using Surveillance videos in real-time with Deep Learning and Computer Vision.

100 Days of ML Code
Nov. 2018 to Feb. 2019

Achievements

JEE (Main) Rank - 25283	2016
JEE (Advance) Rank - 10151	2016
Honorable Mention in Asia Chennai Regionals · ACM - ICPC	Oct. 2017
Certificate of Participation in SIH (Software Edition) · MHRD	Aug. 2018
Certificate of Participation - Pre-Elimination Round - SnackDown · CodeChef	Apr. 2017

Positions of Responsibility

PlaceComm - IIIT Kalyani · Member
Current
Coordinated Training and Placement Cell activities

Institution Innovation Council (IIC) - IIIT Kalyani · Senior Member
Current
Organized events and workshops in the college.

Technical Committee - IIIT Kalyani · Senior Member
Current
Assisted in organizing workshops, hackathons and other technical events.

Algoholic - Coding Club IIIT Kalyani · Admin
Current
Organized regular intra-college coding challenges