

Sachin Singh

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Education

Netaji Subhas Institute of Technology

B.E. IN INFORMATION TECHNOLOGY

- Secured 7.4 CGPA agg. till 4th Semester

New Delhi, India

Aug 2015 - PRESENT

Rajkiya Pratibha Vikas Vidyalaya - CBSE

HIGH SCHOOL – SECURED 94% IN PCM AND 88.8% AGG.

Karol Bagh, New Delhi

August 2013 - May 2015

Sant Nirankari Sr. Sec School- CBSE

SECONDARY SCHOOL – SECURED 9.0 CGPA

New Delhi

April 2012 - May 2013

Experience

EnrichAI

SOFTWARE ENGINEERING INTERN

December, 2017

Cumulocity PaaS Platform

- Developed a transformer monitoring system using Cumulocity platform .
- Used Python to implement Cumulocity RESTful API's to request/response a query and post measurements.
- Cumulocity is one of the leading independent Application and Device Management software platform for the Internet-of-Things (IoT).

Skills

Programming , C/C++, Python

Web Development , Django , MySQL, HTML, CSS, Javascript, Bootstrap, Materialize

Libraries , OpenCV, Keras, Numpy, Pandas, C++ Standard Template Library (STL)

Familiar , AWS cloud9, HTTP protocol, Cumulocity's IOT platform

Tools , Postman, Git, Jupyter Notebook, Linux/Unix Commands

Projects

Automatic Licence Plate Recognition (ALPR)

OPENCV, PILLOW, TESSERACT-OCR

- Extracting Licence Plate from Car
- Recognizing Licence Plate Number using Pyocr (python wrapper for tesseract)

Dog and Cat Classification using Transfer Learning

KERAS, CONVOLUTION, OPENCV, TRANSFER LEARNING, SUPERVISED LEARNING

- Classification between dogs and cats
- Kaggle Dogs vs. Cats Dataset , have 25,000+ images

Honors & Awards

CODECHEF

Overall rank 838 out of 5278 contestants, (As of October 2016) on CodeChef(Long)

Overall rank 597 out of 1666 contestants, (As of October 2016) on CodeChef(Cook-Off)