SHILEEN UPADHYAY

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An ambitious, hardworking undergrad student looking for challenging and enriching assignments in Computer Vision, Data Science, and Automation with a reputed organization.

PROFILE SUMMARY

- Pursuing **B.Tech. (6th semester)** from **Manipal Institute of Technology**, Manipal.
- Well versed with concepts of **Computer Vision, Machine Learning and Statistics**.
- Conversant with various programming languages and tools like **Python, C++ and MATLAB**.
- Experience with **Embedded Systems** and **Building Automation**.
- Excellent team player, with strong logical and analytical skills; ability in learning and applying new concepts quickly.

KNOWLEDGE PURVIEW

- Well versed with concepts of:
    - Computer Vision Algorithms
    - Machine Learning
    - Python
    - Django
    - Support Vector Machines
    - OpenCV Libraries
    - LIBSVM
    - MATLAB
    - Object Oriented Programming
    - C++
    - Data Structures & Algorithms
    - Web Design
    - Web Application Development
    - Java
    - Flask
    - VHDL

ACADEMIC DETAILS

2013-2017   B.Tech. (Electronics and Communication Engineering) from Manipal Institute of Technology, Manipal with GPA: 7.8 (up to 5th semester).

EXPERIENCE

Title: **Action Detection in Human Datasets – Under the guidance of Dr. Ujjwal Verma (Professor, ECE Dept, MIT, Manipal)**

Description: Research Project based on applying various algorithms and improving the accuracy of those algorithms to detect different actions and classify them. Gained valuable experience in Computer Vision problems and insights into various classification problems.

Title: **Mouse Pointer Control Using Object Tracking (Mini-Project)**

Description: Mini-Project undertaken to study various object tracking algorithms and their application. Developed a rudimentary application to control the mouse pointer by tracking a user's fingertips in real-time. Presented the winning paper in the technical fest.

PERSONAL DETAILS

Date of Birth: 6th January, 1996
Languages known: English and Hindi