PRANESH GUPTA

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EDUCATION

Indian Institute of Information Technology, Una *Jul 2017 - Present*
Bachelor of Technology, Electronics and Communication Engineering CGPA: 9.3/10

WORK EXPERIENCE

LMS-Machine Learning Internship, Ignitus, Pittsburgh, PA *Apr 2020 - Jul 2020*

- Worked as a member of the Computer Vision Software Engineering team and developed e-learning contents.
- Developed software modules backing the Ignitus LMS and modules related to Machine learning.

Software Internship, Codersbrain Technology Pvt. Ltd. Banglore *May 2019 - Jul 2019*

- Worked on front-end web development part.
- Tested and maintained the core product software and databases to ensure successful product development.

ACHIEVEMENTS

- **IICDC 2019** Contest Semifinalist
- NPTEL online **Deep learning** course certification; **Tensorflow with Deep learning** from Coursera
- Active participation and Open Source contribution during **GsSoc 2020**
- Recommendation by Afelio Padilla, COO at Ignitus given on July 27, 2020[Linkedin]

PROJECTS

Automated Neural Image Caption Generator for Visually Impaired People *Currently*
Aim of this project is to help visually impaired people for better understanding of their surroundings by generating captions that can be read out loud to the visually impaired in their regional language.

3D Scanner using Triangulation method *Feb 2020*
(Arduino, Stepper Motor, Python, OpenCV, MATLAB)
The distance between line laser and the object is founded by using camera calibration.To find 3D model, the coordinates are plotted in MATLAB.

Indian Number Plate Recognition System and Speed Detection *Feb 2019 - Apr 2019*
(Tensorflow, Numpy, Keras , OpenCV, CNN)
Aim of this project is to design a system for vehicle speed estimation from videos captured on urban roadways. The system detects the numbers on the license plate of a vehicle in real-time and note its speed.

Mini Projects: - Object detection, Fashion classifier, Human-Horse classification

TECHNICAL STRENGTHS

Languages	C, C++, Python & libraries, MATLAB, SQL, HTML5, CSS3
Skills & Courses	Deep learning, Computer Vision, Data structure and Algorithm, Discrete Mathematics, Operating System, DBMS, Adobe Photoshop, Arduino, RaspberryPi

EXTRA-CURRICULAR

- **AAVESH Publicity Head — Electronics Society of IIIT UNA** *Feb 2019 - Present*
  - Handled many hardware and software projects and conducted workshops regarding the same.
- **Sports(Badminton, Table Tennis)**