Rohan Arya

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Academic Details:

B. Tech	SRM Institute of Science And Technology, KTR , Chennai	66.94%	2016-2020(exp.)
CLASS XII	Saint Soldier Public School	67%	2016
CLASS X	Seedling Modern High School	6.8 CGPA	2014

Area of interest:

Image processing, Deep learning, embedded system, Autonomous vehicle, IOT, Microprocessor and Microcontroller, PCB designing, Computer Networking, Cryptography

Technical Proficiency:

Linux, C Programming, Android Development, OpenCV, Deep Learning, Digital Designs, Python, Digital Signal Processors, Java, Java Database Connectivity (JDBC), SQL Database, Machine Learning

SUMMER INTERNSHIP /WORK EXPERIENCE:

TELECOMM. DEPT	IndianOil Corporation Ltd.	Jun2019-Jul2019
INSTRUMENTATION TRAINEE	IndianOil Corporation Ltd.	Jun2018-Jul2018

PROJECTS:

- **Naturalistic Driving simulation (level 3 Autonomous Vehicle)**
  the **car** can boss safety-critical functions. Highly automated **vehicles** are not far off. The SAE calls **Level 3** 'conditional automation' – a specific – mode which lets all aspects of driving be done for you, but crucially the driver must be on hand to respond to a request to intervene.

- **Processing Smart Mirror Using Hand Gestures- (Image Processing)**
  Artificial Intelligence and Image Processing (Using OpenCV, NumPy) (Jan – Apr'19): The mirror provides a functional, user friendly and interactive UI to its user for accessing their social sites, widgets etc.

- **Fire Detection Using OpenCV**
  IoT/Edge devices equipped with cameras can be deployed strategically throughout hillsides, ridges, and high elevation areas, automatically monitoring for signs of smoke or fire.

- **Obstacle avoiding Bot**

Certification:

Self-Driving Car Simulation	Udemy
Certificate of Merit	Department of Physics and Nano Technology (SRM)
Certificate of Appreciation	Career Centre

CONFERENCES AND WORKSHOPS

Power and Control **Organized by**: Marine Technology Society **Date**: Jul2018
Arduino Day **Organized by**: Dept of ECE **Date**: Apr2018
ELEKTRA 2K17 **Organized by**: Dept of EEE **Date**: Apr2017

EXTRA CURRICULAR ACTIVITIES:

Travelling, Gaming, Photography

Languages Known:

Hindi, English, Japanese, French

Declaration:

I hereby declare that all the information contained in this resume is in accordance with facts or truths to my knowledge. I take full responsibility for the correctness of the said information.