

RAJAN SIPPY

Machine Learning Engineer

+91-8130822923
sippyrajan@gmail.com
Electronic City, Bangalore, india

Enthusiastic engineer with expertise in machine learning model development and deployment. Highly proficient at computer vision, real-time data analysis and visualization. Looking forward to working in self-driving and ADAS systems.

EXPERIENCE

Free Lancing Projects

- Working on a deep learning model for behaviour detection of vehicles in highway traffic scenarios.
- Designed a method for Automatic labelling of segments in a picture using reinforcement learning for autonomous driving applications.
- Integrated a cloud-based real-time visualization interface for warehouse inventory management system.
- Developed proprietary Mechatronics sensors and actuators kit for corporate training.

Project Intern

Reserve Bank of India, Patna, 2018-2019

- Designed and built automated sliding gate with biometric access system.

EDUCATION

M.Tech in Mechatronics

IIT Patna, 2016-2018

- Developed an autonomous-indoor-navigation system with eye-tracking based user interface for a wheelchair.
- Acquired expertise in robotics and computer vision.

B.tech in Electrical and Electronics Engineering

AIT Gurugram, 2011-2015

LEADERSHIP AND ACHIEVEMENTS

- Successfully delivered several technical projects.
- Established customer relations with leading tech companies and institutions.
- Secured All India Rank-212 in GATE-2018 (Instrumentation Engineering).

PROFILE

<https://rajansippy.github.io/>

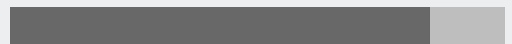
<https://www.linkedin.com/in/rajan-sippy-97a67b124/>

KEY SKILLS

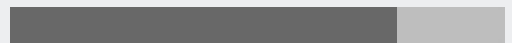
Machine Learning
Deep Learning
Statistical Analysis
Computer Vision
ADAS System
Robotics & Mechatronics

TECHNICAL SKILLS

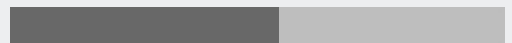
Python



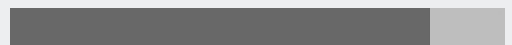
Data Structure



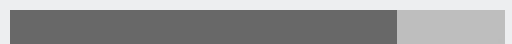
MySQL



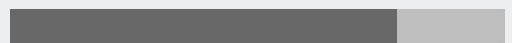
Numpy & Pandas



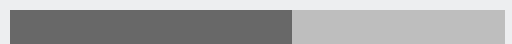
Tensorflow



Scikit-Learn



OpenCV



Google Cloud



Linux

