



# SIVA SORNARAM

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## Education

- BE EEE (2016 - 2020)  
National Engineering College,  
CGPA - 8.34 / 10
- HSC (2016)  
Rose Mary Mat. Hr. Sec. School,  
Percentage - 83.33%
- SSLC (2014)  
Rose Mary Mat. Hr. Sec. School,  
Percentage - 96.80%

## Objective

Looking for challenging position where I can unlearn and refocus myself and implement my skills, while contributing for the growth of the company.

## Projects

- SMART VEHICLE MONITORING SYSTEM USING RASPBERRY PI & OPENCV  
A Real time vehicle monitoring system that continuously looks for vehicle's number plates and collects the real time data as whether it's a residential vehicle or visitor vehicle. It's a fully automated system that uses a raspberry pi, camera and OpenCV.
- SMART SECURITY MONITORING USING RASPBERRY PI & PYTHON  
It's a security monitoring system. It just detects any human interface using the camera and sends an email to the specified email address using Raspberry Pi and a PI Camera using a package called OpenCV, a python package for image processing.
- SPEED REGULATION OF CEILING FAN USING IOT  
This Project is about fully automated ceiling fan control using IoT. The PWN signals are sent to the adafruit MQTT Broker from Google Assistant via IFTTT. The NodeMCU receive the PWN signals via WiFi and the circuit attached to the NodeMCU regulates the AC voltage and controls the fan speed.

## Publications

- [1] K.Shunmuga Sundaram, **R.Siva Sornaram**, A.G.Naveen Kumar, M.Ranjith King Jimson, B.Venkatasamy, (2020), 'Smart Vehicle Monitoring System Using Opencv', *International Journal of Scientific & Technology Research*, vol. 9, no. 3, pp. 761 - 764, ISSN 2277-8616.

## Industrial Exposure

- Undergone Internship at ADROIT INFO SOFT PVT LTD on iOS app development for a period of 3rd Dec,2018 to 29th Mar, 2019.
- Undergone Inplant training in KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED (KELTRON) at karakulam, Thiruvananthapuram for a period of 5 days from 21st May, 2018 to 25th

## Co-Curricular & Extra-Curricular Activities

- Lead IEEE student branch as student coordinator during the academic year 2018 – 2019.
- Won First Prize in Project Expo "EPROX - 2018" on Home Automation - Surveillance.
- Won Football House Match that was conducted in our National Engineering College during the academic year 2019 – 2020.

## Interests

