N.VIKRAM RAJ

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PROFILE

An honest and hard working student filled with enthusiasm and creativity looking for opportunities to gain valuable experience in the field of embedded systems / Neural Networks with the current skill level.

EDUCATION

B.S.ABDUR RAHMAN CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY

- B-Tech ECE | 2017 - Present | CGPA : 9.04

ST.JOHNS ENGLISH SCHOOL AND JUNIOR COLLEGE

- Higher Education 12th | 2017 | Percentage : 79.94%
- Secondary Education 10th | 2015 | CGPA : 8.4

SOFTWARE SKILLS

- Labview
- Python
- C/C++
- Matlab
- Embedded C
- ISE Design Suite

CERTIFICATIONS

CERTIFIED LABVIEW ASSOCIATE DEVELOPER (CLAD)

Associate Developer organized by OPTITHOUGHT,
NI Success Assurance Partner (SAP) and cleared it.
Credential : https://www.youracclaim.com/badges/07031064-8039-4401-8ffd-6bf0de55e56e

BUSINESS ENGLISH CERIFICATE (BEC)

Cambridge English Entry Level Certificate in ESOL International
Cleared with Merit
Council of Europe Level B1

ACHIEVEMENTS

Secured **1st place** in the event Techno Jam (Technical Quiz)
Secured **2nd place** in the event Techtrack (Technical Connections)

- ST. JOSEPH'S COLLEGE OF ENGINEERING (21 / 09 / 2019)

Secured **2nd place** in the event Arduino Challenge

- SRI SAIRAM ENGINEERING COLLEGE (19 / 08 / 2019)

Secured **2nd place** in the event MindFlayer
A coding and debugging competition

- LOYOLA-ICAM COLLEGE Of ENGINEERING AND TECHNOLOGY (17TH / 08 / 2019)

INTERNSHIP

RBA TUTORIALS/PUBLICATIONS (MAY2019-JUNE 2019)

- Learnt about PIC microcontroller and interfaced with LCD display, Cherry Keys,I/O switch and LEDs.
- Made custom 5v/12v/variable Powersupply
- Project done with arduino uno - Line follower , interfaced with IR sensors and geared motors

PROJECTS / MINI PROJECTS

WIRELESS ROBOCAR USING MYRIO

- Interfaced Myrio with laptop using Wifi connection (Creating a Wireless Network) , Motor driver Lm298.
- Myrio powered by using Lead Acid rechargable battery

LINE FOLLOWER USING ARDUINO UNO

- Interfaced Arduino with , Motor driver Lm293 , 3 IR Sensors .
- Arduino powered by using PowerBank , Motor driver powered by 6v parallel connected battery

CIFAR-10 DEEP LEARNING NEURAL NETWORKS

- A Neural network created to identify 10 different types of images.
- Software used : Python ; Pytorch