

Akshay R

DOB:17/10/1999

To seek a challenging career in a working environment where I can utilize my skills in contributing effectively to the success of the organization and also further enhance my personal skills.



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SKILLS

MATLAB

Arduino

C++

Python

Java-Basics

EDUCATION

Btech-Electrical and Electronics Engineering Manipal Institute of Technology, Manipal.

07/2017 – Present

7.1

EXPERIENCE

Intern

Karnataka Microelectronics Design Private Limited(KarMic Design ltd)

05/2019 – 06/2019

Underwent project training entitled "Phase Frequency Detector"

Achievements/Tasks

- Created "Phase Frequency detector" in Cadence Virtuoso tool and analysed

Trainee

TakenMind-Global Internship Program

06/2020 – 07/2020

Online

Received training on Financial Data Analysis and Visualization with Python

ORGANIZATIONS

● Board Member (Event Management Head) at ISTE (Indian Society for technical Education) Students' Chapter, Manipal for 2019-20.

● Managing Committee member at IEEE Student Branch Manipal, IE E&E(Institute of Engineers), ISA(International Society of Automation), ISTE(Indian Society for technical Education), Girl Script and Ek Sangarsh ,Manipal Chapters' for 2018-19

● Campus Ambassador (MCCA) Program organized from October 2018 to March 2019 and received "Certificate of Excellence"

INTERESTS

Control System Design-Matlab

Python

Electrical & Electronics

C++

COURSES

1.Certificate Training for the Bolt Internet of Things training : In this hand-on training learnt about the fundamental concept of IoT and ML and learning build real life use-cases based projects and industrial projects.

2.Certified in C and C++ programming from Manipal Institute of Computer Education

3.Coursera: Completed Python 3 programming Specialization ,courses like :The Unix Workbench ,Interfacing with the Arduino, and received course completion certificate

PERSONAL PROJECTS

● Using Arduino and other sensor components created an Obstacle detector Robot, Agriculture Soil Moisture Sensor Detector

● Other mini projects include Automatic evening lamp, LED Chaser Circuit , Ultrasonic Range Sensor using 8051 microcontroller, Mapping of surroundings using MATLAB & Arduino

OTHER DETAILS:

● Attended Industrial Visits to Varahi Hydroelectricity Underground Power plant, Shakti transformers, Udupi Power Corporation Limited(Adani UPCL) plant organized by IE E&E

● Volunteer, Certificates and Prizes, TechTatva'17 and Workshops, Revels'18

● Organiser, Certificates and Prizes, Revels'19

● Event Head, Tech Week(Electronics Category),ISTE,JAN 2019

● Volunteer for Student Placement Cell for 2019-20

● Participated in events such as "Arduino Wiz", Maha Wiki Coding Challenge, Tech Week, Workshops such as Alexa Dev

● Worked as Campus Ambassador for Robotech Labs India Pvt. Limited, Student partner for Bolt IOT and an ISP for Internshala for 3 seasons and received "Certificate of Completion"

LANGUAGES

English

Professional Working Proficiency

Kannada , Tulu ,Hindi

Native or Bilingual Proficiency