



Srinidhi V Bhat

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Bangalore, Delhi

EDUCATION

Bachelor of Technology (B.Tech), Electronics and Communication
(2016 - 2020)

Amrita school of Engineering, Bangalore

CGPA : 7.03/10

XII (Senior Secondary), Science

Year of Completion: 2016

ICSE Board (Christ Academy)

Percentage : 85.00%

X (Secondary)

Year of Completion: 2014

ICSE Board (Christ Academy)

Percentage : 87.00%

INTERNSHIPS

Internship

Hindustan Aeronautical Ltd (Bangalore)

May 2019 - Jun 2019

Worked in Jaguar Overhaul division and got exposure to various systems in the jaguar fighter aircraft. Also got to learn in the Hyderabad cell- care of the communication system in the aircraft . We were allowed to program and test their system.

Internship

Bharat Electronics (Bangalore)

May 2018 - Jun 2018

Got to learn about the equipment and projects undertaken by SBU Military Radar.

POSITIONS OF RESPONSIBILITY

- Volunteered for the Mata Amritanada Mayi Math in the year 2016 and was head of Food Distribution
 - Volunteered for the science fest name 'Arohan' for years-2016,2017 respectively. Held the position of Public Relations and Registration Management and Marketing Advisor in the fest
 - Team Leader in my final year project. My final year project aims to benefit farmers.
 - Executive member of the humor club.
 - Worked as a project leader in 12th std
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TRAININGS

Facial Expression Recognition With Keras

Coursera (Online)

May 2020 - May 2020

This was course where I was given hands-on experience working with Keras, Jupiter notebook, and also got an opportunity to train a CNN.

Object-Oriented Programming With Java

Coursera (Online)

May 2020 - May 2020

This was the course that taught me a complete understanding of OOP programming with the help of designing a simple java application.

Arduino Simulation And Block Coding

udemy (Online)

Apr 2020 - Apr 2020

Learned the various methods that can be used to simulate Arduino like Tinkercad & Proteus. This training will be implemented in Final year project

WireShark Training

udemy (Online)

Apr 2020 - Apr 2020

Basics of WireSharks was covered. Basic network packets can be tracked using Wireshark

Introduction To Robotics

amrita school of engineering (Bangalore)

Sep 2016 - Sep 2016

This workshop taught us the basics of Robotics and Arduino. This was a 2-day workshop where we designed 4 robots:

- 1.Line Follower
 - 2.Edge Detector
 - 3.Sumo Wrestler
 4. Bluetooth Controlled Robot
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PROJECTS

Precision Agriculture using robotic arm

Jan 2020 - Apr 2020

This project aims to determine soil fertility directly from the land and give the results in 15 minutes approximately with the help of a robotic arm and color sensor. This device is controlled remotely using a GSM Module.

Vertical Axis Wind Turbine

Jan 2019 - May 2019

Vertical Axis Wind Turbine was designed to draw energy from vehicular movement in highways hence generating electricity. This project was given an A grade during the presentation. This project can be further implemented and further optimized.

Mini Project - 5V DC power supply

Aug 2018 - Dec 2018

This was the first project wherein we had to design a 5v dc power supply using bridge rectifiers, voltage regulators. This project was given complete 20 on 20 during the evaluation.

SKILLS

MS-Word

Advanced

Java

Advanced

MS-PowerPoint

Intermediate

MS-Excel

Advanced

MATLAB

Intermediate

AutoCAD

Beginner

Arduino

Advanced

C Programming

Intermediate

Python

Intermediate

MySQL

Intermediate

ADDITIONAL DETAILS

- Projects :
 - 1.I Had designed a basic library management program (Java language) as my 12th std computer project .
 2. LIGT(Life Independent Green Technology): We used Human urine to generate electricity and use that electricity to power a motorized healthcare wheelchair which could be used by old aged people which would make their life independent.
 - 3.Using 555 timer :I have done a couple of project using IC 555 timer like traffic signal, Electronic dice , TV remote signal jammer and many more .
 4. I have good knowledge of Arduino. I had also attended a robotics workshop at my college where we did a lot of robots.
 5. I have a fair knowledge In IOT .I had attended the workshop in my college where we worked with intel Edison board.
- Currently I am also doing a research on 5G technology
- Published one paper on Smart Methodologies to Determine Soil Fertility in the year 2019