

# Robin Floyd Sequeira

Hard work and creativity are the way to achieve great success.



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## EDUCATION

### Bachelor's in Mechanical Engineering St. Joseph Engineering College

08/2014 - 07/2018

Mangalore

#### Courses

- Economics
- Programming in C
- Operation Research
- Operation Management

## PROJECTS

### Multi-color instant paint mixing machine

- Using a light sensor detect the color and match the RGB values with the values in the domain of color shades prepared and then pour the base colors in the right proportions into a mixing chamber to get the required color.
- Learnt the usage of Arduino to control the solenoid valves actuation and the DC motor for mixing chamber.
- Understood the working of a basic light sensor which detects the color of a substance upon which the sensor is placed and the importance of not letting external light create anomalies in the output.

### Cryptocurrency Trading Telegram Alert Bot (Python)

- The program takes the prices of the all the cryptocurrencies on the Binance platform and adds it into a dataframe and finds the price changes for every 5 minutes.
- It sends an alert on telegram for the top price changes in cryptocurrency in the interval of 5 minutes.
- It sends the crypto name and the price change percentage.

### Candlestick Database using Python and PostgreSQL

- Created the database using PostgreSQL.
- The database is accessed using python and it takes in continuously the 5 minute candlestick values from the Binance cryptocurrency platform and stores into the database.

### Automated Manufacturing Process Tracker (Excel)

- Primitive form of GANTT chart type tracker.
- It gets updated everyday automatically once the process starts and can be stopped by using data validation and selection.

## WORK EXPERIENCE

### Technical Support Associate IBM

02/2019 - 12/2019

Bangalore, India

#### Responsibilities/Tasks:

- Drive to achieve team SLA's, SLO's, Monitor the call queue and ensure prompt action.
- Knowledge in AD architecture and infrastructure (LDAP, Directory Replication, group policy, security, schema changes, etc.)
- Handling technical troubleshooting calls for application and connection related issues and also escalated issues.
- Handled clients from Europe, America, Asia and Middle East.

## SKILLS

Python

SQL

MS-Excel

Data Analysis

Tableau

Machine Learning

Data Visualization

Pivot tables

## ACHIEVEMENTS

### ● First place in virtual round for eBAJA in the state

eBaja is an event where student teams from all over India design and fabricate an electric ATV or buggy and participate in different events. I had worked in the suspension team and the task was to analyse a suspension model using Lotus Software.

## SOFT SKILLS:

### Communication:

Working for an MNC such as IBM in the role of Technical Support Associate has helped me be good at speaking and handling clients all over the globe.

### Teamwork and leadership:

Being the team leader for my bachelor's degree project team has helped me learn the key values of making the members of team work in harmony and bring out the best in them.

## CERTIFICATES

### Python Bootcamp Course(Udemy)

### Machine Learning A-Z (Udemy)

-Use of models and parameter tuning, evaluating and optimization of the models

### Python for Financial Analysis and Algorithmic Trading

Stock Returns Analysis, Portfolio Allocation Optimization, Capital Asset Pricing Model, ARIMA

## LANGUAGES

English

Full Professional Proficiency

Hindi

Professional Working Proficiency

## INTERESTS

Cosmology

Physical Fitness

Data Science

Reading

Artificial Intelligence

Football