

WORK EXPERIENCE

Data Executive

Coresight

Research, Mangalore

Jan 2021 - Mar 2021

- Conduct research and collect data specific to the retail sector/retail data products that are part of our data vertical (store closures/openings, mall openings/remodels, management changes, M&A, retail IPOs, bankruptcy, etc.).
- Present data as outlined by the data team manager – in excel spreadsheet templates/PowerPoint decks, etc.
- Complete data extraction/collection within deadlines
- Clean-up/rewrite data collected to present only the required information (rewrite data collected from CIQ in as per template/guidelines)
- Check and update existing data when new information is available (check for new management changes, M&A, key developments, etc.).
- Ad hoc tasks (working with webscraping tools to extract data from websites, etc.)

Technical Support Associate

IBM, Bangalore

Feb 2019 - Dec 2019

- 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.), Citrix.
- Worked with clients from Europe, America, Asia and Middle East.
- Handling 2nd level technical troubleshooting calls for application and connection related issues

EDUCATION

Bachelor of Engineering (B.E), Mechanical Engineering

St. Joseph Engineering College, Vamanjoor

VTU (Visvesvaraya Technological University)

2014 - 2018

Percentage: 67.34%

Senior Secondary (XII),

Science St. Aloysius PUC,

Mangalore (KARNATAKA STATE

board)

Year of completion: 2014

Percentage: **90.66%**

(Mathematics **99/100**)

Secondary (X)

St. Joseph High School, Mira Road(E)

(CBSE(SCIENCE & MATHEMATICS)

board)

Year of completion: 2012

Percentage: **86.00%**

Python for Financial Analysis and Algorithmic Trading

Udemy, Online

Sep 2020 - Sep 2020

Course deals with:

- Pandas Time Series Analysis Techniques
- Stock Returns Analysis
- Cumulative Daily Returns
- Volatility and Securities Risk
- Stats models
- ETS (Error-Trend-Seasonality)
- ARI MA (Auto-regressive Integrated Moving Averages)
- Auto Correlation Plots and Partial Auto Correlation Plots
- Sharpe Ratio
- Portfolio Allocation Optimization
- Capital Asset Pricing Model
- Splits and Dividends Efficient
- Market Hypothesis
- Algorithmic Trading with Quantopian
- Futures Trading

Natural Language Processing (NLP) With BERT

Udemy, Online

Mar 2020 - Mar 2020

- This course teaches how to perform semantic analysis on movie reviews using data from one of the most visited websites in the world: IMDB!
- Perform semantic analysis on a large dataset of movie reviews using the low-code Python library, Ktrain.

Machine Learning A-Z

Udemy, Online

Mar 2020 - Mar 2020

- Data Preprocessing
- Learn theoretically as well as practical implementation of following models:
Regression Models: Simple Linear, Multiple Linear, Polynomial, SVR, Decision Tree, Random Forest
- Classification: Logistic Regression, K-NN, SVM, Kernel SVM, Naive Bayes, Decision Tree and Random Forest Classification
- Clustering: K-Means, Hierarchical Clustering
- Rule Learning: Apriori, Eclat
- Reinforcement Learning: Upper Confidence Bound, Thompson Sampling
- Natural Language Processing: Bag-of-words model
- Deep Learning: ANN, CNN
- Dimensionality Reduction: PCA, LDA, Kernel PCA
- Model Selection & Boosting: k-fold Cross Validation, Parameter Tuning, Grid Search, XGBoost

Business Analytics

AnalytixLabs, Online

Mar 2020 - Present

- Course deals with advanced Excel, VBA, SQL, Tableau, Data science using R, Data Science using Python, data visualization and analytics.

Engineer Trainee

Bosch, Bangalore Jan

2016 - Jan 2016

- Trained on Gasoline and Diesel Engine Management, Vehicle Diagnosis, Active Safety System.
- Hands-on dismantling and assembling Fuel Injector Pump experience.

PROJECTS

Cryptocurrency Price alert bot for Binance Platform

Jul 2020 - Aug 2020

[https:// robinsequeira.github.io/Project/Price_change.html](https://robinsequeira.github.io/Project/Price_change.html)

- The Binance exchange has more than 900 cryptocurrencies. The program takes the prices of all the cryptocurrencies listed on the Binance platform and store this price data in a pandas data frame and calculate the price change for every 5 minutes.
- It sends a message with coin name and price change % of the top 40 coins in terms of higher price changes in 5 minutes intervals on the telegram app via Telegram API using a telegram bot.

5 minutes Candlestick Database for Binance

Jul 2020 - Jul 2020

[https:// robinsequeira.github.io/Project/5min_Candlestick_DataBase.html](https://robinsequeira.github.io/Project/5min_Candlestick_DataBase.html)

- The Binance API does not provide data beyond a certain number of candlestick or a point in time from the present time. Hence, we are storing the historical candlestick data using PostgreSQL library in python. This information will be useful to perform back testing on small time frames such 1-minute, 5-minute candlestick data over a long interval time.

Multicolor Instant Spray Paint mixing machine

Aug 2017 - Apr 2018

- 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.

SKILLS

Python

Intermediate

SQL

Beginner

Data Analytics

Beginner

Tableau

Beginner

MS-Excel

Intermediate

Machine Learning

Beginner

WORK SAMPLES

Other portfolio link

[https:// robinsequeira.github.io/](https://robinsequeira.github.io/)

ADDITIONAL DETAILS

• 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 analyze a suspension model using Lotus Software.