Rahul Ranganath

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📍 Bangalore, India   ⌂ https://github.com/rahulranganath12

Education

B.Tech: Electrical and Electronics Engineering
PES University
07/2018 – present | Bangalore, India
SGPA-8.38

Pre-University
MVJ PU College
2016 – 2018 | Bangalore, India
PCMC - 89.16%

School
Sri Kumaran Childrens' Home
2004 – 2016 | Bangalore, India
SSLC - 97.28%

Courses

Data Analysis with Python
freeCodeCamp

Financial Modelling and Valuation using MS Excel
Udemy

Technology Consulting Virtual Internship
Delloite

Data Visualisation
freeCodeCamp

Engineering Virtual Program
Goldman Sachs

Organisations & Achievements

Sharmas Institute of Fine Arts
Guitar Tutor
Taught over 50 people over a period of 1 year.

University of West London
Completed 4 grades in Acoustic Guitar with distinction over a period of 4 years. Learnt Music Theory,Orchestration and Music Production.

The Music Club of PES
Organiser
Organised various events in college over a period of 2 years
Aatmatrisha 2019,2020 - Techno-Cultural fest of PES University.

International Award for Young People(IAYP)
The Duke of Edinburgh's International Award is a global framework for non-formal education.
Volunteered to help old age homes and the less privileged.

Skills

Programming Languages
Python, HTML,CSS, Javascript, Matlab, C++, SQL

Tools
MS Office, Tableau, Logic Pro X

Professional Experience

Summer Intern
Larsen and Toubro Technology Services (LTTS)
05/2021 – present
Developed a Resume Screening application in a 3 member team. Worked in the agile scrum framework, documented all the sprints and gained hands on experience with industry level software development.

Content Developer
Mindfluential Trading
08/2021 – present
Market Analysis, Equity and Commodity Intraday and Positional Trading, Content Creation, Android App Development and Content Writing.

Projects

Resume Screening System with ML
Created a Web Application for the Client using NLP making the process of screening resumes easy.
Created a database to upload Resumes and the Job Descriptions specified by the client and used string matching to segregate the resumes and built an ML Model to Rank and Score Resumes

Regenerative braking for Electric Scooters
Using the switching sequence of inverter to manage heat loss, improve the efficiency and riding comfort of electric scooters

Automated Street Light
Used LDR sensors,Relay driver modules and Arduino board to efficiently monitor the working of a street light

Twitter Sentiment Analysis
Exploratory Analysis of the performance of different classifiers and model over the twitter sentiment analysis dataset.
Used pre-built classifiers like naive bayes and random forest and experimented with logistic regression as well.

Sea Level Predictor
Anaylized a dataset of the global average sea level change since 1880. I have used the data to predict the sea level change through year 2050 as a part of the project in freeCodeCamp.org