RESUME

HANU SRAVANTH T

Address for Communication	Email-id : hanu.sravanth111@gmail.com	
Dr.no: 11-270, 4th cross, Lakshmi nagar colony, Near OLL School, Palamaner, Chittoor district, Andhra Pradesh. Pin code: 517408	Mobile : +91 7760237979 Gender : Male DoB : 27th March, 1996 Nationality : Indian	

Objective

Seeking an internship in a dynamic environment that gives an opportunity to put the current skills to efficient use while aiding the organizational interests and to learn new and challenging skills.

Technical Skills

Operating Systems	: Windows 10
Programming Skills	: Python, DB2 SQL, PL1, COBOL, C, JCL, HTML
Other skills	: Machine Learning, AWS ML services basics
Tools	: Jupyter / Colab, Spyder, IBM IDz / RTC, IBM Data Studio, Tableau basics

Work Experience

- Worked on two projects for a major client at Wipro Technologies for 2.8 years as a Project Engineer (Mainframe Developer)

Areas of interest

Artificial Intelligence, Quantum Computing, Astronomy, Neuroscience, Sustainability

Academic Projects

Road Quality Analysis using smartphone sensor data using Unsupervised Learning techniques

Team Size: 3	**Language**: Python	**ME First Semester Project**

Description:
Road anomalies have negative effects on passengers and vehicles. Nowadays, smartphones are ubiquitous and used by many drivers, at least to know the driving routes. In this project, smartphone sensor data is collected, and data is then analyzed by identifying features that contribute to the roughness. Road segments are then clustered into segments based on their roughness using Unsupervised learning techniques. The clusters are presented on a geospatial map to make the analyses useful. Various noise reduction techniques were used but a simple mean filter worked best. K-means algorithm was used with cluster initialization using k-means++ technique. An annotated map was generated as a final output showing the good, average, and bad roads in different colors. The map was hosted on a simple GitHub page.

Data Transmission over Power Lines		
Team Size: 4	**Language**: MATLAB	**BE Final Year Project**

Description:
Power and Communications are like backbone to modern day society. This project is an effort to transmit data and power simultaneously over the power lines using the OFDM modulation technique. The idea is to use the already existing power lines to exchange data or establish communications without requiring new wires for networking. Using the modem KQ330, serial communication was established between two computers connected to same power line network. MATLAB was used at application layer to establish the serial communication.

Educational qualification

Class/Course	Name of Institute	Board/University	Year of Passing	Marks%
ME (Machine Learning)	School of Information Sciences, Manipal	Manipal Academy of Higher Education (MAHE), Karnataka	-	-
BE (Electronics and Communications)	RNS Institute of Technology, Bengaluru	Visvesvaraya Technological University, Karnataka	2017	67.85
Intermediate	Narayana Junior College, Nellore	BIEAP, Andhra Pradesh	2013	97.6
10th Standard	EBEM High School, Palamaner	SSC, Andhra Pradesh	2011	92.16

Certifications / Awards

- Advanced Telecom Technology certification, BSNL RTTC, Mysuru
- Awarded ‘Automation Champion’ at Wipro technologies

Hobbies

Listening to tech talks, Playing badminton

Languages Known

Telugu, Kannada, Hindi, English

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Manipal
Date: 27th Feb, 2020 NAME: Hanu Sravanth T