Harsh Rangwala

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EXPERIENCE

Research Intern

Columbia University 06/2020

Programming Systems Lab

- My study was to understand the noticeable disturbances in the smartphone's magnetometer sensor measurements.
- Developed an android application for data collection with a sampling rate of 50Hz.
- Applied Bidirectional LSTM with an accuracy of 82% to perform indoor localization.

VOLUNTEERING

Event organizer

Zero Gravity Club - KES Shroff College

2019

- Motivated and mentored peers by conducting "logic building sessions" every week to teach students coding.
- I am part of the team that organized many intercollegiate debate competition, programming contests with 50+ participants.

EDUCATION

Bachelors of Science in Information Technology

KES Shroff College

2017 - Ongoing

• Sem 5 CGPA- 8.8

HSC: Commerce

Thakur College

2016 - 2017

• 71%

ICSE

N.L. Dalmia High School

2014 - 2015

• 84.30%

ABOUT ME

Data Science

R Python(Numpy/Pandas) MySql/SQL(Oracle) Tableu

MongoDB

Programming and web Technologies

Python R C C++ Java C# HTML5 Bootstrap

Asp.

SCHOLARSHIPS

Vidhyot-Tejak Award

Awarded scholarship of Rs. 5000 for securing first place in college.

STRENGTHS

Goal Oriented, Team Player, Leadership, Creativity, Goal Oriented

CERTIFICATIONS

Machine Learning, Coursera

Stanford University

Certificate

Introduction to Self-Driving Cars, Coursera

University of Toronto

Certificate

Introduction to TensorFlow, Coursera

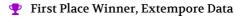
deeplearning.ai

| Certificate

Data Science

EdWisor

ACHIEVEMENTS



A survey and presentation competition.

First Place Winner, Debug the code

A contest which involved detection and correction of errors hidden in code in record time.

First Place Winner, Internet of Things

Competition to build an intrusion detection system.

🙎 Second Place Winner, Extempore Data

A survey and presentation competition.

Second Place Winner, ArgueMentals

A Debate on Artificial Intelligence: Boon or curse

PROJECTS

Self Driving Car

Artificial Intelligence

 In this project I made RC car with ability to drive autonomously, detect stop, traffic signals and pedestrians.

Learning Management System

Asp.NE

 Developed dashboard and student discussion forum, utilizing Asp.NET web framework for frontend and backend.

Home Automation System

Internet of Things

 This project is developed on ESP module and Google Assistant that controls lights and doors by voice command.

Facial Recognition System

Computer Vision

• The project implements a face recognition system using the color-histogram face finding technique.

Quiz Game

Python

 Game for visually impaired people built on Raspberry Pi and Python.