

SAI HARISH PALETI

430 Barton Creek Dr, Charlotte, NC 28262 | (980) 298-5579 | spaleh@uncc.edu

<https://www.linkedin.com/in/sai-harish-paleti-6273281a7/>

Education

University of North Carolina at Charlotte, Charlotte, NC

Jan 2020 – Exp. May 2021

Master of Science in Computer Science

GPA: 4.0/4.0

Coursework: Algorithms and Data Structures, Network Based Application Development, Intelligent Systems, Knowledge discovery in Databases, Computer Vision, Cloud Computing for Data Advt, Visual Analytics, Digital Image Processing.

RVR & JC College of Engineering, Guntur, Andhra Pradesh, India

Aug 2015 - May 2019

Bachelor of Technology in Information Technology

GPA: 8.09/10

Skills

Languages: Python, HTML5, CSS3, JavaScript, SQL.

Tools & Frameworks: GIT, Amazon Web Services, MVC

Databases: MYSQL, MongoDB.

IDE: Visual Studio, Spyder, Eclipse, Jupyter

Work Experience

Teaching Assistant, UNC Charlotte. Part-time

Mar 2020 – Present

- Proved to be an approachable teaching assistant by enhancing learning via real world/academic experiences and examples.
- Delivered key lectures and facilitated cognitive/effective learning for at least 60 graduate students.
- Maintained web courses on Canvas, a digital instruction platform and collaborated with students and faculty in scheduling weekly office meetings

Projects

Color Balance and Fusion for Underwater Image Enhancement

Jan 2019 – May 2019

- It's a web Based Application Which provides a novel approach for removing haze, noise correction, temperature correction in underwater images taken by any type of camera.
- It provides an interface for improving contrast, edge correction, image sharpening etc.
- Single Image is taken and it undergoes gamma correction plus image Sharpening in two separate steps and the output from both the steps undergo the process of fusion by applying some filters to bring a better quality image.

Text Classification-Movie Reviews (TensorFlow Hub)

Apr 2020 – May 2020

- Developed a multi-layer perceptron to classify movie reviews as positive or negative, based on the text in the review.
- Developed an algorithm based on the words used in the positive and negative reviews for all the films and it is neutralised for the better performance of the algorithm.

Todo-web-app (Web Based Application, MongoDB)

Jan 2020 – April 2020

- It's an interactive web based application where every user can create an account and save his/her interests in the database.
- Every user details will be stored in a database with an unique ID and only the information corresponding to that user when he logged in will be retrieved back to the website.
- Used technologies like node JS, mongo DB, Express, Java Script, HTML, CSS etc.

Implemented Supervised ML Models

May 2020- Aug 2020

- Implemented a number of machine learning models such as Linear Regression, Multi-Variable linear Regression, and linear classification models such as logistic regression, perceptron, Support Vector Machines, Kernel Methods, Multi-Layer Perceptron etc.

Hospital Management System

Jun 2018 - Nov 2018

- It's an interactive web based application for patients for consulting hospitals through online. In order to get medication through online consultation every week or month.