

Ranjeet Mallipeddi

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OBJECTIVE

I am a graduate student pursuing my Masters in Computer Science at the University of Florida seeking internship opportunities.

EDUCATION

University of Florida

Masters in Computer Science

May 2023

CGPA: 3.89

Related CourseWork: Analysis of Algorithms, Distributed Operating Systems Principles, Math for Intelligent Systems, Software Engineering, Database System Implementation and Computer Networks

JNTUH College of Engineering Hyderabad

Bachelor of Technology in Computer Science and Engineering

December 2020

CGPA: 7.89

WORK EXPERIENCE

Data Analyst- Intern

Jan 2020 - July 2020

Quantum Analytics, Hyderabad, India

- Performed Pricing Ladders, Source of Volume and various analysis to identify customer purchase pattern for specific products
- Evaluated the change in customer behavior during COVID to address the out-of-stock issue
- Analyzed the business with existing clients to discover potential opportunities to increase revenue.

PROJECTS

Twitter Clone API Implementation

Developed and Designed a Distributed system with the use of **AKKA Actor Model** having the features of tweeting, logging in, registering users and sending tweets, mentions to online users via **web sockets** in **F#**. Developed a client which uses web sockets to test the API.

Evaluation of Handwritten Equation using CNN

Implemented a Convolutional Neural Network in python and an image segmentation model using openCV which segments the characters in an image. The CNN model then classifies the segments. This model works with 98% accuracy.

Face Detection Website

Designed a website where users can register/sign-in and can input images to detect faces. Developed using React js, Node js, redis, jest and postgresql.

Unix/Linux File System Tree Implementation

Designed and implemented a C program to simulate the Unix/Linux file system tree.

SKILLS

Programming Languages: C, Java, Python3, C++, F#.

Tools and IDE: Spyder, Eclipse, MS-Excel.

Web Technologies: HTML, CSS, Javascript, React js, Node js, Rest Api's, Jest.

Databases: Postgresql, redis.

Big Data Tools and Framework: Hadoop, Apache Spark, pyspark.