

VIJAYANTIKAINKULLA

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EDUCATION

Masters in Science -Computer Science (Data Science) Spring 2021

-University of Southern California, Viterbi School

-Courses: Analysis of Algorithms, Foundations of Artificial Intelligence, Machine Learning for Data Science, Database Systems.

Bachelors in Engineering (Computer Science Engineering) August 2015-June 2019

• Osmania University

• Academic course work: Data Structures, Data Mining, Web Technology, Computer Networks, Information Retrieval System, Operating Systems etc.

EXPERIENCE/INTERNSHIP

Astute Business Solutions Pvt. Ltd.

June 2018-September 2018

• Closely analyzed their proprietary open source ERP application "OpeneCampus" team.

• Caters to clients in education vertical and enables educational institutions to capture, retain and analyze data for continuous improvement and meeting compliance audits for accreditations.

• Data analysis involved a thorough understanding of Data Science, ML and AI.

SKILLS

Languages : C and C++, Java, Python, R, SQL

Web Development: HTML, CSS, JavaScript, Node.js

Machine Learning Tools and Libraries: Pandas, Numpy, R Studio, Weka tool, MS Office, MySQL

PROJECTS

Artificial Intelligence

August 2019-November 2019

• Designed game playing agent using alpha-beta pruning.

• Programmed an agent to perform proof by resolution with 70%accuracy over 50 test cases.

• Done using Python.

Smart Attendance Management System

August 2018-April 2019

• Accomplished a Smarter Attendance Marking and Management based on Machine Learning Face Recognition algorithms.

• Helps reduce manual attendance work for teachers and generates reports on students' regularity to college.

Proposed to be funded to implement in my college.

• Done using Python.

Voice Controlled Home Automation

September 2017-December 2017

• Arduino/IoT based project on Home Automation using voice (and also proximity sensors).

• Control home appliances by click of a button on phone or by a voice command.

ADDITIONAL INFORMATION/SOCIAL ACTIVITIES

• Awarded academic merit during B.E for four consecutive years for standing in top 3 in CSE Department.

• Member of IEEE, MJCET student chapter from June 2015-June 2017.

• Publicity Head of Computer Society of India, MJCET student chapter from August 2017-August2018.

• Coordinating member of Street Cause, MJECT social body branch from August 2017-August2018.

• Campus Ambassador representing MJCET at the IT Company Infosys from August 2017-August2018.

• Participated in workshops and hackathons at college level.

• Completed a bootcamp on Data Science using Python and R (with machine learning concepts for analysis).