

# VIJAYANTIKA INKULLA

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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

**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 LearningFace 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-August 2018.
- Coordinating member of Street Cause, MJECT social body branch from August 2017-August 2018.
- Campus Ambassador representing MJCET at the IT Company Infosys from August 2017-August 2018.
- Participated in workshops and hackathons at college level.
- Completed a bootcamp on Data Science using Python and R (with machine learning concepts for analysis).