

# ALEKHYA GANDU

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## PROFILE

Although I have never worked in an art gallery, I have always been fascinated by artists and the passion that goes into artistic creations. I am a people person and enjoy organizing events. I Bring forth a strong attention to detail, excellent organizational skills, and a love for all things art! I believe that I will be able to bring a new perspective to the table and learn a lot about art!

## ACADEMIC QUALIFICATION

- San Francisco State University (Currently Pursuing MS in Computer Science)
- Bachelor of Engineering in Information Technology, MVSR Engineering College, Osmania University, Hyderabad, Telangana, India, January 2020, CGPA: 8.4

## EMPLOYMENT HISTORY

- Content Writer for Startup created by my friend (Hyderabad, India)  
August 2020 - July 2021
  - Helped my friend grow clientele from 50 to 150
  - Wrote articles as per the request of the client.
  - Wrote articles in areas such as philosophy, computer science, and biology.
  - Dealt with clients to ensure their requirements are met by deadline.
  - Handled the marketing to some extent.
- Organizer at Codebeat (Hyderabad, India)  
January 2017 - March 2017
  - Assisted with selling tickets to Coding Event held in Bits Pilani University.
  - Maintained inventory of tickets and of cash made from selling tickets.
  - Helped to build and foster relationships with students.
  - Maintained a clean and orderly work environment.
  - Organized transportation to the event.
  - Completed check-lists and assisted with any miscellaneous tasks as needed.

## ACADEMIC PROJECTS

**Title:** Gesture Mouse

**Objective:** To create an application that lets you use your finger to change the position of the cursor. The webcam on the computer locates the position of your finger and sends the cursor to that position.

**Duration:** February – March, 2019

**Team size:** 4

**Tools Used:** Eclipse, Java 1.8, JavaCV Library

**Individual Role:** Creating the java application that links to the webcam. Writing the code that identifies the position of the finger by processing the frames and isolating the finger.

**Title:** Student Opinion Poll

**Objective:** To create an application that allows students to give feedback, ratings and honest opinions about classes and events happening in the college.

**Duration:** June-July, 2019

**Team Size:** 3

**Tools Used:** HTML, Material Design Lite, AngularJS, Django, Apache Web Server, MySQL database

**Individual Role:** Create an outline for the design of the website, connect database to application and deploy the website on the web server.

**Title:** Customer Transaction Prediction

**Objective:** To predict if a customer will buy a specific product based on previous transactions.

**Duration:** December 2019 – January 2020

**Team Size:** 3

**Tools Used:** Kaggle Notebooks, FastAi Library, Python

**Individual Role:** To do feature engineering by aggregating and splitting various features. I had to create a standard Neural Network Classifier, train it and test it. The results were that the Neural Network Classifier was not the best model.

## INDIVIDUAL PROJECTS

**Title:** Prediction of Species of Iris Flower

**Objective:** To predict the species of Iris Flower based on petal measurements

**Duration:** March – April 2018

**Tools Used:** Python, Kaggle Notebooks, Jupyter Notebooks, Anaconda Distribution

**Learning Outcome:** I learned how to gather and clean data. I learned about Exploratory Data analysis and why it is done. I became familiar with machine learning algorithms like Random Forest Classifier, Decision Trees, Naïve Bayes and KNN.

**Title:** Similarity of Documents

**Objective:** To compare the similarity of documents

**Duration:** September 2019

**Tools Used:** Python, Gensim Library, NLTK

**Learning Outcome:** I created Tokens of reference documents using NLTK and using gensim library I created dictionaries and a corpus. I created an tf-idf model and using that I created a similarity measure object. Then I used a query document to see which documents in the corpus it was most similar to.

## TECHNICAL SKILLS

**Programming Languages:** C, C++, Java, Python, JavaScript

**Databases:** MySQL

**Big Data:** Hive

**IDE:** Eclipse, Sublime Text, Visual Studio

**Front-End Web Application Framework:** AngularJS

## **REFERENCE**

Akhil Gandu from Pure Storage (Software Engineer)

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