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Orlando, FL-32826.   **SAI CHANDESH GURRAMKONDA**   saichandesh@Knights.ucf.edu

https://www.linkedin.com/in/saichandesh   https://github.com/saichandesh

http://www.saichandesh.com/

Education

Masters in Computer Science   May2017
University of Central Florida, Orlando, FL   CGPA – 3.7

Bachelor Of Technology   Fall 2009 - May 2013
Jawaharlal Nehru Technological University, India   CGPA – 3.4

Academic Projects

Car Rental Web Application:

➢   A web based application which can be used by the car rental stores to keep track of the available cars, classes of the cars, price of the cars, reservation times and registered users. It also gives the registered users to book the car and get the booking details to their email address.

Technologies used:
- HTML5, CSS3, Bootstrap are used to develop user friendly and interactive client side web pages.
- PHP is used as server side scripting language.
- MySQL is used for managing the database.

Novel Approach to Twitter Sentimental Analysis by applying Machine Learning Algorithm namely Naive Bayes Classifier using Python:

➢   A sentimental analyzer is built to classify the tweets into positive, Negative and Neutral using machine learning algorithm namely Naive Bayes Classifier. Using this analyzer,
- Marketers can use this to research public opinion of their company and products, or to analyze customer satisfaction.
- Consumers can use sentiment analysis to research products or services before making a purchase.

DNA Sequence Analysis by applying the Machine Learning Algorithm namely Viterbi Algorithm using Python:

➢   A model is built which predicts most likely hidden states that control the generation of DNA sequence by observing the sequence of the DNA and their initial, emission and transition probabilities by applying Machine Learning algorithm namely Viterbi Algorithm using Python.

Other Projects

Personal Website using AngularJS (http://www.saichandesh.com/):

➢   This website uses features of AngularJS such as **ng-route, ng-view, ng-controller, ng-app** to load faster when the user navigates between different tabs. This website gives brief description of my research, education, projects that I have worked, skills that I have acquired, work experience, achievements and contact information.

Technologies used:
- AngularJS
- HTML5
- CSS3
- BootStrap

Course Finder Android Application:

➢   Course Finder is an Android application which helps the users to find the best free websites to learn the course they require. It will redirect to website course home page once the user click on the name of the website. The application is developed using **Density independent pixels (dp) and Scale independent pixels(sp)** which makes the application to look similar in all mobiles that are built on Android platform.

Work Experience

Graduate Research Assistant   **University Of Central Florida**   **January 2016 – Till Date**

➤   I'm currently working under guidance of **Dr.Gary T.Leavens** on Inside Operator which is used for **translating separation logic to dynamic frames or region logic and implement to JML**(Java Modeling Language)

Graduate Teaching Assistant   **University Of Central Florida**   **August-2015 – December 2015**

➤   Graduate Teaching Assistant for **Intro to C Programming** course.

My Primary Responsibilities includes:

- • Hold the office hours to help the students to understand the programming concepts in C
- • Grade the assignments and examinations

Assistant System Engineer   **TATA CONSULTANCY SERVICES (TCS)**   **Nov 2013-Jul 2015**

Project: Ultimatix

➤   Ultimatix is a web based application used within Tata Consultancy Services Limited(TCS) which gives access to many resources mainly To Check Project Status, Access to pay rolls, Request the leaves, Chat with employers within the organization, Online documentation, News feed about the organization and Forums to discuss the technical issues, latest technologies to employees of the TCS.

Contribution:

- • Developed and implemented the functionalities such as Authentication of users, Defining the features access according to the roles and creating the leave request forms using **Struts2 Framework including JSP, Servlets, EJB, Form Bean and Action classes.**
- • Created and deployed web pages using HTML, JSP, JavaScript and CSS.
- • Used **ANT automated build scripts** to compile and package the application and implemented **Log4j** for the project.
- • Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.
- • Designed Use case diagrams, Class diagrams and Sequence diagrams using UML.

Languages and Technologies

- ➤ **Big Data Technologies:** Basic fundamentals of Hadoop
- ➤ **Web Technologies :** AngularJS, HTML5, CSS3, JavaScript
- ➤ **Server Side Technologies** : Node.js, PHP
- ➤ **Programming Languages :** C, C++, Java, Python
- ➤ **Mobile Development :** Android
- ➤ **Frameworks** : Struts2, Express
- ➤ **Operating Systems :** Windows, UNIX
- ➤ **Database and Server :** MySQL, SQL, Oracle, Mongodb

Accomplishments and Certifications

- ➤ Awarded as '**HARBINGER**' by **TCS** in recognition of best efforts as a **Single Point of Contact** for leading group of 30 members during training period.
- ➤ Oracle Database 11g Administrator Certified Professional