**KRISHNA CHAITANYA PALADUGU**

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**EDUCATION**

**University of Georgia**, Franklin College of Arts & Sciences, Athens, GA *Anticipated May 2023*

***Master of Science in Computer Science***

Relevant Coursework: Algorithms, Software Engineering.

**Gokaraju Rangaraju Institute of Engineering and Technology**, India *November 2020*

***Bachelor of Technology – Computer Science and Engineering*** *(CGPA: 7.32/10.00)*

Relevant Coursework: Data Structures, Design and Analysis of Algorithms, Artificial Intelligence.

**TECHNICAL SKILLS**

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

Web Technologies: HTML, JavaScript, CSS, PHP, ReactJS

Applications/OS: MySQL, Postgresql, Hadoop, Django, Ubuntu, Linux, Windows 10, MacOS

**PROJECTS**

**Heart Disease Prediction | Machine Learning** *Jan 2020 – Apr 2020*

* Built a Heart Disease Prediction model trained on the Cleveland Heart Disease data which contains 14 essential features which are highly correlated to heart disease to achieve real time analysis of heart disease
* Made use of Data mining and Machine learning techniques such as Artificial Neural Network (ANN), Decision tree, Fuzzy Logic, K-Nearest Neighbor (KNN), Naïve Bayes and Support Vector Machine (SVM).

**Automatic Number Plate Recognition | Machine Learning, OpenCV** *Aug 2019 – Dec 2019*

* Made the project using the concepts of Image Processing and Open CV where the plate number can automatically be detected in each photo or live video.
* The program tends to first convert the image into grayscale and tends to highlight the parts of the alphanumeric ones. The Support Vector machine helps in better recognition of the Digits.
* The project involves preprocessing, character segmentation, character prediction.

**Cinema e-Ticket Booking System | Java, MySQL, JavaScript** *Aug 2021 - present*

* Developed a web application which lets users to book movie tickets online
* Created visually pleasing user interface with HTML and CSS
* Used java to add functionalities to the UI and MySQL to store data

**PROFESSIONAL EXPERIENCE**

**Data Engineer Intern| Sri Venkateswara Food & Beverages Pvt. Ltd, India** *May 2020 – Apr 2021*

* Designed a real-time data pipeline with spark streaming to capture and to track server failure records and perform statistical analysis,feature engineering,and create analysis using seaborn,matplotlib for over a million records of data.
* Achieved an accuracy of 88% for finding the condition in which a server fails using logistic regression.

**PUBLICATIONS**

Paladugu Krishna Chaitanya**, Customer Segmentation Using Hybrid Clustering RFM Approach,** International Journal of All Research Education and Scientific Methods (IJARESM) , February 2021

* URL: [Publication](http://www.ijaresm.com/uploaded_files/document_file/Paladugu_Krishna_ChaitanyaQh31.pdf)