

RINEEL REDDY LINGALA

San Jose, CA | 510-953-9747 | rineelreddy.lingala@gmail.com |  GitHub |  LinkedIn

OBJECTIVE

A dedicated, hardworking, and energetic solution oriented individual who loves to accept challenges. Computer science specialist who is skilled in leadership with a strong background in development and in-depth knowledge of object-oriented design principles.

WORK HISTORY

California State University, Dominguez Hills	Web Software Developer	Jun 2019 – Ongoing
<ul style="list-style-type: none">Developed a website which takes user details, location as the input and give them best suited universities matching their profile based on the location proximity. Technologies Used: HTML, CSS, JavaScript, MySQL, PHP.Designed and Created multiple user friendly and operational visualizations on existing dashboards making them more than 80% easier to understand the data.Ensured datasets for dashboards are consistent by performing meticulous validations using historical data.Created, Standardized and Automated python scripts for web scrapping to store and prepare numerous datasets to be machine-learn ready from the database in higher education.		
3LOQ Labs Pvt Ltd, Hyderabad, India	Data Scientist	Jan 2018 - Aug 2018
<ul style="list-style-type: none">Built a Machine Learning Model using Random Forest Classifier that classifies which users of an application are likely to churn.Also gathered data using HDFS from data lake of banks and performed preprocessing of data to run Machine Learning Models.Analyzed the raw data initially and based on that cleaned the dataset using RegEx and made the data fed into the model.Created a target variable having two classes which specifies whether the user is likely to churn or not and saved output to HDFS.Kept the model inside a docker container which will be isolated from the rest of the applications inside the system so that the multiple models can be run in a single machine without interacting with each other.		
Kony Labs, Hyderabad, India	Software Development Engineer	Mar 2017 - Dec 2017
<ul style="list-style-type: none">Designed a tool to give an efficient solution for rebranding range of suites for the Kony Digital Solutions Lab so it is easier for them to customize the products client to client.Reduced the manual intervention of work by developing an automated rebranding script which changes the User Interface look and the feels depending on the client.Recolored the images through automated scripts by researching on color cubes and representations in various methods which produced the automated color for images.		

PROJECTS

Shopping Cart Application	Jan 2020 – May 2020
<ul style="list-style-type: none">Developed a ecommerce shopping website with MVC architecture using Spring Boot and Data Structures which enables the users to view the items based on the categories, add them to the cart and securely checkout using Paypal.Implemented the models and controllers to process the incoming requests and fetch the data.Deployed the application into default TomCat server and used MYSQL to store the data.	
Analyzing Stock Market Movements Using Twitter Sentiment Analysis	Aug 2019 – Dec 2019
<ul style="list-style-type: none">Investigated on the complex relationship between tweet board literature with financial market instruments to implement the mining system to forecast the price of the stock.Performed Data Mining from Twitter using twitter API's and Stock API's using Python.Also Performed Linear Regression after careful Preprocessing of data and then trained the data for two months and predicted the stocks which almost resulted in 80% accuracy.	
Game Theoretic Solution for the Territory Sharing Problem in Social Taxi Networks	Jun 2019 – Aug 2019
<ul style="list-style-type: none">Developed an efficient Algorithm by optimization to reduce surge in Taxi's from place to place based on an Algorithm which paves a way for group of drivers to engage in a cooperated endeavor.From Nash Equilibrium used Nash Bargaining to exploit the game which turns into advantage for the Passengers.	

EDUCATION

Master of Science in Computer Science	California State University Dominguez Hills	GPA – 3.6	Aug 2018 – Dec 2020
Bachelor of Technology – IT	JNTUH, Hyderabad, India	GPA – 3.5	Jun 2014 - May 2018

TECHNICAL SKILLS

Programming Languages: Java, Python, C, C++, C#	Web Services and Frameworks: Spring MVC, Spring Boot, Hibernate, REST, SOAP, Maven, Apache Helix, Apache Zookeeper
Web Technologies: HTML5, CSS3, Bootstrap, JavaScript, PHP	Development Models: SDLC Waterfall, Agile, Scrum
Database Technologies: MYSQL, MongoDB, Oracle, Firebase, NoSQL, PostgreSQL, MS Excel	Software Tools: Apache maven, Apache Ant
DevOps Tools: Docker, Kubernetes, Git, Jenkins, Monit	Python Libraries: Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn
Cloud Platforms: AWS, Azure	Development Environment: IntelliJ, Eclipse, Visual Studio, Pycharm