SREE LAKSHMI ADDEPALLI

First Year Masters Student in Computer Science at Courant Institute of Mathematical Sciences, NYU

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DETAILS

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LINKS

Personal Website: https://sreelakshmiaddepalli.github.io/

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Github: https://github.com/Lakshmiaddepalli

SKILLS

- Jenkins
- Java
- C#
- R
- Python
- AI / ML / NLP
- Microsoft Azure
- AngularJS
- Android
- HTML5

EDUCATION

Courant Institute of Mathematical Sciences, New York University, Sep, 2018 - Present

Degree: Masters, Computer Science

Currently pursuing courses in SDE, Cloud, Big Data, NLP, and Predictive Analytics.

University of Mumbai, Jun, 2012 - May, 2016

Degree: Bachelor of Engineering in Computer Engineering, CGPA: 9.07/10

Courses: Algorithms, Data Structures, Distributed Databases, OS, Artificial Intelligence

EMPLOYMENT HISTORY

Webmaster at NYU Linguistics Department, New York, Jan, 2019 - Present

Work Involves updating the website events, courses and work on website functionalities using Adobe marketing cloud.

Software Engineer 2 at Diebold Nixdorf, Mumbai, Aug, 2016 - Jun, 2018

Developed Continuous integration continuous deployment pipeline using Jenkins automating the seamless building of the "Vynamic Insights" project using Python, PowerShell and Windows Batch scripts and deploying it to the cloud using Microsoft Azure.

Solved defects, tasks of User stories for the development of desktop client in Xpression 5.0 SP1 using AngularJS, C# and SQL.

Improved the E-mail communication process used by HR using dynamic automation and mail merge process using C#.

Implemented Complaint Analyzer using Java that analyses trends and issues faced by customers at banks and developed an Inventory management application to provide functional reports of modules like product, supplier, stock using C#, MSSQL.

INTERNSHIPS

Data Science and Analytics Intern at Dr. Sameer Mathur, Indian Institute of Management, Lucknow, Jan, 2018 - Jan, 2018

It involved summarising data in R using statistics, cross tabulations. Statistical methods like correlations, chi-square tests were used to analyse Harvard Business case studies.Finished a Project titled “Big Mart Sales Analysis” which involved Hypothesis generation, Data Exploration, Data cleaning using Random Forest, Feature Engineering, and Model generation for predicting the item outlet sales price using Linear Regression.

Web Services

MSSQL

Agile Development

Git

RapidMiner

JIRA

Knime

Amazon AWS

Pandas, Numpy, MatPlotLib, Weka, NLTK

JavaScript

CSS3

Scala, Ocaml

Winforms, WPF,Java Swings, Tkinter

MySQL,Oracle

IBM Watson

Twilio

LANGUAGES

English

Hindi

Telugu

PROJECTS

Deep Learning Based Opinion Mining for Bitcoin Price Prediction, Dr. Suzanne K MCintosh

February 2019 – Present

The projects aims to answer that does Bitcoin price correlate with sentiments about it in social media. It involves scraping bitcoin prices,Twitter and Reddit data and applying sentiment analysis on the data and predicting the bitcoin price using Deep Learning techniques.

Visual Question Answering System, Dr Ralph Grishman

February 2019 – Present

The project works aims to build a system such that given an image and an open question we use the domain of natural language processing and computer vision to solve the task.

Anomaly detection in credit card transactions, Dr Anasse Bari

September 2018 – December 2018

Built a credit card anomaly detection system which handled imbalanced dataset using Random Undersampling, Random Oversampling using SMOTE and Clustered Data into fraudulent and non-fraudulent transactions using dimensionality reduction techniques. Built predictive models using ML Algorithms and used Ensemble modelling techniques.

A framework for measuring customer satisfaction and product recommendation for Ecommerce, Prof Sujata Khedkar

January 2016 – April 2016

Performed aspect level Sentiment Analysis on product reviews using rule-based approach in NLP with negation handler which analyses reviews using dependencies with the help of Stanford parser for opinion aspect mapping. Provided product recommendations using web interfaces.

Library Manangement using RFID, Dr. Rajani Mangala

October 2013 – March 2014

Developed a system using RFID with a web and Android app for students and desktop application for the librarian that automated library transactions.

HACKATHONS

BCG Digital Ventures Hackathon, Los Angeles, Nov, 2018 - Dec, 2018

Built cloud Fintech business idea that uses AI to automate the auto claims process for insurance companies. Built image recognition classifier for estimation of vehicle damage cost and fault prediction system with chatbot that guides user through the process.

Diebold Nixdorf Hackathon, Mumbai, Apr, 2018 - Apr, 2018

Runner up of R&D Hackathon, held across internal teams across the globe. Analysed Bank text messages and presented various infographics in an android app.

J.P Morgan ChaseHackathon, Mumbai, Jul, 2015 - Jul, 2015

As Semi-finalists, automated the process of monitoring building constructions for a NGO.

ACCOMPLISHMENTS

Appreciation Award For Xpression, Sep 2017

Udacity's PyTorch Facebook Scholar, Nov, 2018