

SATHVIKA TARIMELA

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EDUCATION

UNIVERSITY of MISSOURI, KANSAS CITY

Kansas City, MO

Master of Science (MSc), Computer Science & Software Engineering. GPA: 3.8/4.0

Present

- **Relevant Coursework:** Introduction to Statistical Analysis, Design & Analysis of Algorithms, Advance Software Engineering, Web & Mobile Application Programming.
- Focus on industrially significant specialty areas in software development with strong understanding of programming & algorithms.

CITY, UNIVERSITY of LONDON

London, United Kingdom

Master of Science (MSc), Data Science. GPA: 3.3/4.0

Jan 2019

- **Relevant Coursework:** Principles of Data Science, Visual Analytics, Neural Computing, Machine Learning, Data Visualization, Big Data, Cloud Computing, Research Methods and Professional Issues.
- Elected as Student Ambassador for the university Student Leadership Committee of 2018
- Elected Academic Representative of the MSc Data Science program

OSMANIA UNIVERSITY

Hyderabad, India

Bachelor of Commerce (B.Com)

March 2016

- Percentage: 82.24% ~ **GPA: 3.7/4.0** – Ranked 2nd in Financial Accounting

SKILLS

Python (pandas, matplotlib, scikit-learn, requests, nltk etc.) | R (caret, tidyverse, ggplot2 etc.) | SQL (DBMS – PostgreSQL, SQLite, MySQL) | Tableau | MATLAB | Power BI | UNIX Commands (Basics) | Scripted Automations | MS Excel | JavaScript | HTML | Java | Effective Professional Communication | Presentation Skills

WORK EXPERIENCE

UBER

Hyderabad, India

Lead Data Analyst, Uber Eats

Dec 2019 – Aug 2021

- Performed an extensive comparative analysis between control and treatment groups (Hypothesis testing) to understand the impact of an Uber Eats product which was becoming an integral part of Eats ecosystem.
- Created intuitive and impactful dashboards that depicts product flow in a comprehensible manner to drive key business decisions.
- Conducted data deep dives on various aspects of the product with the goal to improve the number of completed orders, the process has made a huge impact with a visible improvement of 7% within the span of 5 months.
- Created a query bank with 120+ queries to serve the data needs of the Account Managers in the US&C Sales team thereby cutting down the need for raising bespoke data requests to get access to the data required for swift decision making.

BUZZBOARD

Hyderabad, India

Data Analyst

May 2019 – Nov 2019

- Responsible for measuring, managing and analyzing marketing performance to maximize its effectiveness and optimize ROI.
- Developed an efficient Lead Scoring Model which helped sales and marketing teams prioritize leads, respond to them appropriately, and increase the rate at which those leads become customers.
- Proposed the concept of OLAP to the company. Planned and contributed to end-to-end implementation of the analytics database to help automate weekly/monthly product usage reports, achieve a live view of marketing & sales dashboards.
- Performed CRM analytics to evaluate a company's customer data to facilitate and streamline business choices. This analysis allowed for better pricing policies.

HOKODO

London, United Kingdom

Data Science Intern

July 2018 – Nov 2018

- Designed database architecture to map the data into target databases by creating logical/physical data models.
- Worked on data cleaning to ensure data quality, consistency, integrity. Augmented feature space by creating new features from data available on third party APIs.

- Responsible for developing a credit scoring and pricing algorithm that supports Hokodo's insurance operations under minimal guidance.
- Performed validation and fine-tuning of algorithm prior to commercial deployment.
- Developed a logistic regression model having an AUC .84 which can determine financial health of SMB's across the UK by providing instant credit assessments.

GOOGLE

Hyderabad, India

Process Analyst

April 2016 – Jan 2017

- Worked with support teams to define requirements, document workflows, processes, identify gaps, make improvement recommendations, drive consensus and facilitate change.
- Responsible for process management and working with project managers to identify improvement opportunities to increase operational efficiency.
- Worked parallelly with product managers and technical solution engineers to prioritize requirements analysis in a fast-paces, rapidly changing environment.

ACADEMIC PROJECTS

Paper on **Spatial Time series in Urban Planning**: a Literature review of visual analytics models

Improving cancer predictions

- Designed an ensemble of algorithms of support vector machines and multilayer perceptron to improve cancer prediction.

Twitter Sentiment Classification

- Conducted analysis of text on individual tweets to perform sentiment classification using LSTM and SVM. The idea was to compare the results SVM, which is inherently binary and a target-ably capable algorithm such as LSTM

Detection of suspicious emails

- Adapted an algorithmic approach which involves using an existing fraud email database to train a model that identifies suspicious patterns, which was leveraged on the new incoming emails stream to categorize them as suspicious and safe emails.

Password storage cloud application

- Developed and deployed password storage and retrieval application called 'MySecretStudio' with built in multiple security layers. Making use of Platform-as-a-Service feature by Google Cloud developer platform.

Digital menu and ordering at restaurants

- Developed a digital solution in the form of an app to provide a secure dining experience to customers by enabling customers to view the menu of a restaurant by just scanning a QR code at their table and being able to order food at their convenience.

CERTIFICATIONS

MATLAB Onramp - MathWorks

NLP – Natural Language Processing with Python - Udemy

Build Your Own Chatbot – Cognitive Class

Google Analytics for Beginners – Google

Advanced Google Analytics – Google

Introduction to Data Studio – Google