Lakshmi Shravya Ramaraju

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Highly skilled and motivated data scientist with a Master's degree in Data Science, adept at applying advanced analytical techniques to extract actionable insights from complex datasets. Proficient in programming, statistics, machine learning, and data visualization, I am seeking a challenging role as a Data Scientist to utilize my expertise in solving real-world problems. My goal is to leverage my skills in handling data, developing predictive models, and utilizing business intelligence to facilitate decision-making based on data, streamline operations, and play a role in the progress of a cutting-edge organization that is driving innovation in the ever-changing realm of data science.

EDUCATION

King's College London
Sep 2022 – Sep 2023

- MSc (Hons) Data Science
- Relevant Modules: Statistical Analysis For Data Scientists , Data Mining ,Pattern recognition and Big Data Technologies

University of Nottingham
Sep 2019-Jul 2022

- BSc (Hons) Computer Science with Artificial Intelligence (upper second-class honours)
- Relevant Modules: AI Methods (76%), Machine Learning (72%), Software Engineering Project (85%)

Woodford County High School
 Sep 2017-Jun 2019

- A Levels – Maths: A, Physics: A, Chemistry: A, Further Maths: B

Ursuline Academy Ilford
Oct 2013-Jul 2017

- 10 A*- A GCSE grades including A in Computer Science, 8 in Maths

SKILLS

Languages: English (Native), Telugu (Native), Hindi (Intermediate), Kannada (Advanced), French (Elementary)
Coding Languages: Python ,R , MATLAB , MySQL, Java, Java Script
Technologies : Microsoft Azure services, Google Cloud services, Web Development, Apache Spark, Hadoop , MongoDB, NoSQL, Tableau

EXERIENCE

Software Engineer Intern | ATOS
Jun 2021 – Sep 2021

- Developed a "Saving Lives with AI" project as part of the 'Software Eng Group Project' module following specifications provided by ATOS, an IT and consulting company
- Worked alongside ATOS' specialist Greece-based team to implement this project as part of a larger "Public Safety" application in the subsequent internship

- Developed a custom tensor-flow image classification model with explainable AI.
- Harnessed Google cloud products like Vertex AI and cloud storage to deploy the model
- Had to work independently to meet specific deadlines, as well as collaborate with colleagues from across the world to work on solutions for the project.

Team Lead Software Engineering Project (Year 2) | University of Nottingham
Sep 2020 – May 2021
- Led a group of 6 students in working on a project sponsored by ATOS, "Saving Lives with AI", as part of the 'Software Eng Group Project' module
- Project included developing a system that would allow emergency service operators to efficiently deal with emergencies.
- Developed an application which would identify an ongoing public safety emergency (e.g., a fire) from a picture uploaded to the app by a user.
- Used Python, Java-script, and Azure cloud services to develop the system.
- Project was nominated as the best project out of a total of 30 projects.
- Nominated among Top 5 projects for the best project award.
- Presented the project to 250+ industry professionals in an online conference.
- Won the Best Demonstration Award for the presentation.

EXTRACURRICULAR ACTIVITIES

Advantage Award| University of Nottingham
Oct 2021 - June 2022
- Completed the "*Capitol One Challenge*" and "*OLLE Peer Language Learning*" modules as part of the award
- For the challenge real-world case studies about banks were presented. A proposal about new loan products had to be put forward, following the findings from evaluating the case studies.
- Developed valuable analytical skills from inspecting and analysing data to come up with a valid proposal.
- Worked closely with my peers to enhance my French speaking and writing skills, while helping them with their English.

Lead Course Rep | Computer Science with Artificial Intelligence| University of Nottingham
Oct 2020 - September 2021
- First point of contact for 150+ student's views, to the attention of the staff on the course
- Attended meetings with the education reps and senior Student Union to communicate the views of my batch.

Deloitte Virtual Internship |InsideSherpa
Jun 2020 - Jul 2020
- Presented to a University client who wanted to shift some of their services to a Cloud Computing platform.
- The internship gave me the scope to learn about the potential Cloud Computing and it can be used by the University to solve current issues faced by the IT faculty