# Sreejoni Banerjee

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*Dynamic, detail-oriented Data Analyst with extensive educational experience in Statistics and Data Science, recently completed a second Master's degree in Artificial Intelligence at the University of Surrey. Proven ability to analyse and visualize data using a number of tools, including Python, R and Excel. Skilled in project management and team training, with a focus on providing exceptional customer service and making informed data-driven decisions. Proficient in a variety of programming languages and analytical tools, with a strong dedication to using machine learning and artificial intelligence to tackle real-world challenges. Eager to contribute my excellent analytical skills and technological experience to a forward-thinking organization.*

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| |  |  | | --- | --- | | Professional experience |  |  |  |  |  | | --- | --- | --- | | In-store Team Member | *September 2023 - Present* |  |  Domino's Pizza, Guildford, Surrey  * Working **part-time to support myself** during my studies. * **Enhance** customer experience by **multi-tasking** roles at the till and on the makeline in a **high-pressure** environment. * Working under pressure in a fast-paced environment whilst **remaining professional** anddelivering **excellent customer service.** * Regularly working additional shifts at short notice to meet the needs of my employer. * **Coordinate** and **train** new staff, occasionally stepping in to **manage** the branch in the absence of the manager.  |  |  |  |  | | --- | --- | --- | --- | | Data Analyst |  | *January 2022 – August 2022* |  |  myNalanda Solutions and Services Pvt Ltd, Pune, India  * **Developed** and analysed comprehensive reports using R and MS Excel, integrating insights through R Shiny applications and dashboard creation. * Debugged and **improved existing projects** and was part of all phases, starting from data collection and analysis to report generation. * Took on a **leadership** role almost immediately after joining and executed **an independent project** on Sentiment Analysis alongside ongoing company projects. * Demonstrating strong **multi-tasking** capability by managing the demands of a challenging job alongside studies.  |  |  |  | | --- | --- | --- | | R Programmer | *April 2022 – June 2022* |  |  Sirpi.io, Bengaluru, India  * **Designed and deployed** R Shiny applications and data visualizations, enhancing project deliverables. * Synthesized complex data analyses into actional insights using R Markdown and MS Excel. * Performed tasks like dashboard creation and data visualization.  |  |  |  | | --- | --- | --- | | Data Annotator | *August 2021 - November 2021* |  |  Wobot.ai, New Delhi, India  * Data annotation on CVAT tool, working on **image classiﬁcation projects** such as number plate detection.  Education |  |

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| Master of Science in Artiﬁcial Intelligence |  | *2023 - 2024* |  |

University of Surrey, United Kingdom, Merit – 65.92%

Relevant Modules: Applied Machine Learning, Advanced Topics in Computer Vision and Deep Learning, Natural Language Processing, AR, VR and The Metaverse, Topics in People-Centred AI

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| Master of Science in Data Science and Spatial Analytics |  | *2020 - 2022* |  |

Symbiosis International University, Pune, India, Distinction- 7.69

Relevant Modules: Cyber Security, Data Mining and Algorithms, Principles and Practices of Data Protection, Image Analytics, Blockchain Technology, Spatial Database Management, Web Analytics, Spatial Big Data and Storage Analytics, Predictive Analytics And Development

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| Bachelor of Science in Statistics |  | *2017 - 2020* |  |

Bethune College, University of Calcutta Kolkata, India, First Class - 67.75%

Relevant Modules: Probability Theory, Linear Algebra and Population Statistics, Multivariate Analysis and Large Sample Theory, Time Series Analysis and Sample Survey Methods

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| 12th Standard |  | *2017* |

Calcutta Girls' High School, CISCE Board Kolkata, India, Percentage - 90.28%

Relevant Modules: Mathematics, Computer Science, Economics, Sociology

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| 10th Standard |  | *2015* |

Calcutta Girls' High School, CISCE Board Kolkata, India, Percentage - 92.8%

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| Projects & extracurricular |  |

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| Is that an Addax or Impala? | *January 2023 – September 2023* |  |

* **Bias detection** and mitigation in image data using counterfactual images generated using **hybrid GAN**.

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| Sentiment Analysis in the Education Sector | *January 2022 -July 2022* |  |

* Conducted a comprehensive **sentiment analysis** to gauge feedback from staff, teachers, parents, and students using **advanced machine learning tech**niques.
* Identified critical issues and **informed** strategic decisions through detailed **n-gram analysis**.

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| Early Forest Fire Detection Model | *November 2021 – December 2021* |  |

* Identifying images captured by drones and satellites, using **InceptionV3** model to detect the start of a forest ﬁre from small ﬂames to smoke, to curb damage and loss.

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| Assessment of change in DTR over the Krishna River Basin for future scenarios using R Programming  *July 2021 – August 2021* |

* Assessing changes in temperature and rainfall over the past 70 years, using **time series analysis** to predict the same for the next 80 years or so.

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| Education Scenario of West Bengal *May 2021* |

* A comparative analysis of the education scenario between the rural and urban districts of West Bengal.

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| Skills |

Programming languages: Python (numpy, pandas, keras, tensorﬂow, SciKit-Learn, PyTorch, NLTK, spaCy), R Programming (ggplot2, dplyr, tidyr, plotly), R Shiny and R Markdown, C++, SQL, Visual Basic for Applications

Computer software/ frameworks: Microsoft Office, Microsoft Excel, HTML, CSS, JavaScript, Tableau

Acquired Skills: Machine Learning, Artificial Intelligence, Time Series Analysis, Data Analysis, Deep Learning, Natural Language Processing, Statistical Analysis, Teamwork, Resilience, Time management, Self-awareness

Languages: English, Bengali, Hindi

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| Additional Information |

LinkedIn – linkedin.com/in/sreejoni-banerjee-b71a59202

Currently on Tier 4 Student Visa till June, 2024 and following that waiting to acquire my Graduate Visa.