

Josh Le Grice – MSc Data Science Student

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PROFESSIONAL PROFILE

Ambitious and detail-oriented MSc Data Science student, with an IBM Data Science certification and hands-on industry experience. I excel in fast-paced environments where I can apply advanced analytics and machine learning to deliver actionable insights and measurable business improvements. Eager to contribute to data-driven roles, leveraging my technical expertise, analytical mindset, and commitment to continuous growth to create impactful, real-world solutions.

EDUCATION

MSc Data Science | University of Exeter

Sep 2025 – Sep 2026

- Modules:** Research Project, Introduction to Data Science, Learning from Data, Data Systems, Programming with Python, Machine Learning, Deep Learning, Large Language Models and Applications, Data Governance and Ethics

BSc Sports and Exercise Medical Science | University of Exeter | *First Class Honours*

Sep 2022 – Jun 2025

- Relevant Modules:** Applied Data Science (75%), Data Science in Economics (79%), Experimental Design and Statistics (75%), Foundations of Biomechanics (75%), Biomechanics and Kinesiology (86%) and Biomechanics of Human Movement (72%)
- Dissertation:** The Intersection of Machine Learning and Type 1 Diabetes: A Critical Analysis of Machine Learning-Driven Innovations.

A Levels | Tanglin Trust School | Computer Science (A*), Biology (A*), Physical Education (A*)

Sep 2020 – Jul 2022

GCSEs | Tanglin Trust School | 11 GCSEs: 7 at A*, 4 at A

Sep 2018 – Jul 2020

PROFESSIONAL EXPERIENCE

Consultant Data Engineer | University of Exeter Students' Guild

Nov 2025 – Present

- Developing a plan and prototype for a new automated data infrastructure to modernise the Guild's current data processes.
- Researching and outlining a scalable Azure data architecture to support improved reporting and future AI and CRM integration.

Data Science Intern | Ekimetrics

Jun 2025 – Aug 2025

- Applied advanced data science techniques and marketing mix modelling (MMM) to optimise marketing spend and drive business performance for retail, automotive, and financial services clients.
- Analysed large datasets to identify actionable insights, supporting data-driven decision-making and ROI improvements.

Academic Tutor | MyTutor

Jan 2025 - Present

- Deliver personalised GCSE and A-Level tutoring in computer science and various sciences via MyTutor, designing lessons and adapting methods to improve student outcomes.

CERTIFICATIONS

IBM Data Science Professional Certificate

- Certified by IBM in data science fundamentals for data manipulation and visual storytelling.
- Experience building and deploying a variety of machine learning models.
- Skilled in SQL for querying, data wrangling and database management.

PROJECTS

Portfolio LLM | Python, App Design

- Developed an interactive LLM-powered application that indexes my CV and project documents, enabling semantic search and natural language Q&A.

Commercial KPI Dashboard | Python, App Design, PowerBI

- Built a web-based KPI dashboard during my internship at Ekimetrics.
- Developed a semi-automated reporting pipeline - from raw data ingestion and cleaning to interactive Power BI dashboards - reducing manual effort and improving decision-making efficiency for commercial teams.

Credit Risk Analysis Blog Post | Python, Quarto, HTML

- Conducted credit risk analysis using Python and Quarto, applying logistic regression, random forest, and XGBoost (92.8% accuracy) models to evaluate defaults, model fairness, and estimate causal treatment effects.

Diabetes Prediction and Machine Learning Analysis | Python/R

- Created a project on predicting diabetes and determining the most important factors using machine learning through three models. Achieving a 79% accuracy rate.

ACTIVITIES

- University of Exeter Touch Rugby 1st Team** (UOETRC) - BUCS Champions 2025

Sep 2024 – Present

- South West Saxons Touch Training Squad**

Sep 2024 – Present

- University of Exeter High Performance Rugby Union**

Sep 2022 – Sept 2024

SKILLS

Technical Skills

- Python (Pandas, Numpy, Matplotlib, Sklearn, Pytorch, TensorFlow), Spark, R, SQL, HTML, JavaScript, Git, Azure Cloud, GCP, Databricks, VSCode, PowerBI & Microsoft Office

Core Skills

- Problem Solving, Communication, Teamwork, Scientific Writing, Critical Analysis, Time Management, Attention to Detail