

Gaspard Hassenforder

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A motivated master's student with a strong work ethic and a strong aptitude for the hard sciences.

Dual French-British citizen, looking for opportunities to learn and discover more in data science. Passionate about Judo and enticed by all new technologies and their potential impact on our future.

EDUCATION

HEC, Paris, M2 - Master in Data Science and AI for Business — 2024/2025

Focused on real-world business challenges through data-driven solutions, Developed skills in analysing business issues related to Data Science and AI, building and optimising models using state-of-the-art tools, and understanding their societal impact.

Polytechnique, Paris, M1 - Master in Data Science and AI for Business — 2023/2024

Honing my expertise in key disciplines including Statistics, Machine Learning, Database Management, Deep Learning, and Optimization.

Warwick University, Warwick, UK, Bachelor of Mathematics — 2020/2023

Improved my problem-solving capabilities and learned mathematical concepts and understood their applications. Key modules include Topology, Multivariate Statistics, and Number Theory. Graduated with a high 2.1 degree.

Lycée Français Charles de Gaulle, London, UK — 2017/2020

Obtained with highest honours (17.02/20) for the 2020 French Baccalauréat in the scientific section (specialised in Maths, Physics and Sciences).

EXPERIENCE

Ekimetrics, Paris, FR — Data Scientist Intern

April 2024 - September 2024

Designed and implemented a Retrieval Augmented Generation (RAG) solution to automate responses for a hierarchical Corporate Sustainability Assessment (CSA) questionnaire, enhancing the efficiency and accuracy of the human review process. Used causality techniques (EconML, DoWhy) to analyse YouTube brand lift data for a global brand. Worked on a Marketing Mix Modeling (MMM) project, optimising media budget allocation for a major airline.

VP & White UK Ltd, London, UK — Software Development Intern

August 2022 - September 2022

Developed front and back end processes for a new e-learning platform (C#, SQL, CSS, .NET) Created unit testing processes, tested the application, created logs of outstanding issues, and provided usage feedback.

Dassault Systèmes Ltd, London, UK — Intern, Partnerships and University Recruitment Analyst

July 2019

Developed and presented to Dassault senior management a project analysing and mapping the existing partnerships between universities and the company with an aim to optimise university level recruitment. Applied the ins and outs of Computer Assisted Design ("CAD") software, such as Catia and SolidWorks, to understand intricate aerospace models.

PROJECTS

CapGemini Data Camp - 2024

Contributed to a team project analysing customer feedback via sentiment analysis, utilising BERT and GPT-3.5 for data scraped from Trustpilot. Enhanced client's customer satisfaction through actionable insights derived from advanced NLP techniques.

Judo Black Belt (1st Dan), The Budokwai — 2008/2019

With more than 11 years of experience and competing in international competitions. Captain of the dojo junior judo squad for 4 years (until 2019), assisting in organising competitions. Refereed local junior (5-7 year old) competitions. Learned rigour and discipline whilst also gaining practical leadership skills

Mathematics tutor - 2021

Mathematics and Statistics tutor for a pupil passing A-levels. Pupil achieved [A*] as final Mathematics grade

IT & LANGUAGE SKILLS

Bilingual in French and English and Intermediary level in Spanish

Working knowledge of Microsoft Office Suite

High level in Python(Pandas, NumPy, scikit-learn, keras), SQL, Spark, PyTorch and moderate level in C#