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https://ning.works/
https://github.com/dataning

💼 PROFESSIONAL EXPERIENCE

BlackRock   2021 – present
Associate in Asset Allocation Analytics (AAA), BlackRock Solution   London, UK
- Led and developed NLP solutions in Python to track 5000+ daily asset manager news and provide NLP analytics. It's used by multi-asset investment quant research teams.
- Led and co-developed Python solutions to integrate ESG metrics into $2 billion multi-asset portfolios. The solutions have reduced 30% time of the decision-making process.
- Aggregated NLP practices across solution teams into "NLP's Best Practice in BlacRock".

NHS   2019 – 2021
Senior Data Scientist (i.e., Senior Research Fellow in Data Science)   Bradford, UK
- Built an open data platform in R on aggregating open data and research evidence. It has improved the time in making evidence-based local policy by 50%. The project was partnered with multiple Bradford city authorities. Link: www.databradford.com
- Led 4 government-funded data science projects in R & Python, including modelling emergency service admission, modelling mental & dental health service admission, modelling school place allocation. Results have been taken into resource planning.

University of Leeds   2019 – 2021
Dissertation Supervisor in MSc Business Analytics and Decision Science   Leeds, UK
- Supervised 20 MSc machine learning dissertations in R with 90% projects receiving merit and distinction in results. Selected projects: hotel rating performance, property rental survival, medical equipment and food products recall, fast retail twitter mining.

🏅 DATA SCIENCE ACTIVITIES

Co-founder, Leeds Data Science Society   2016 – 2020
- Won one national championship and one finalist in Hiscox insurance data challenges   Leeds, UK
  for 2 years using R. http://bit.ly/2JvxGUu
- Led a team to reach Top #3 in the Npower energy consumption forecasting in R.
- Mentored members to win the trivago hotel data challenge. http://bit.ly/2BwC2Wd
- Awarded as Intel AI Campus ambassador and corporate sponsorship from KPMG, Hiscox and BlackRock.
- Delivered data science training at the University of Leeds (1,000+ people registration).

🧠 PROGRAMMING AND STATISTICAL SKILL

Python, R, Julia, PostgreSQL, HTML, Javascript, Git   Statistical modelling, Bayesian method, Experimental and Survey Design, Automation, Dashboard

🎓 EDUCATION

University of Leeds / Consumer Data Research Centre 🔗   2015 – 2020
PhD in Behavioural Data Science (3 years ESRC full scholarship)   University of Leeds, UK

Imperial College Business School / School of Public Health 🔗   Imperial College, UK
MSc Biostatistics, Epidemiology and Health Management (3 years NHS fellowship)

Aston Business School / School of Engineering 🔗   Aston University, UK
BSc in Management Studies (1 year shcolarship in BEng Internet Engineering)
- Interned as Technology Analyst at UNESCO in The Netherlands.