Curriculum Vitae

Lucas Beastall

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Personal Profile

University of Bath Mathematics graduate with two and a half years' part time experience as a data analyst / architect.

Key skills
- Utilized R and MATLAB for various academic projects, Python and JavaScript for personal projects and have some level of experience with almost every programming language. Extensive experience using Claude and other LLMs.
- Completed multiple University modules featuring techniques such as PCA, classification, clustering, regression, hypothesis testing and forecasting demonstrating a strong foundation in statistical computing and machine learning concepts.
- Led multiple university societies, organizing numerous events and increasing student engagement from previous and following years.
- Further maths tutor for A-level students. Developed strong communication and interpersonal skills through explaining complex concepts to diverse learners. Consistently received positive feedback from students and teachers. Maintained a high student retention rate throughout the academic year.

PROFESSIONAL EXPERIENCE

Yo Auto Ltd. – *Digital Automotive Marketing Company, Mansfield, Nottinghamshire*

Data Architect / Analyst (Part Time during semester)   June 2021 – December 2023

Data Architect / Analyst Experience
- Created a CSV-based database system in Python, that took various inputs, cleaned and standardised them before updating, processing, and outputting various files. Used Matplotlib, Pandas, and other Python libraries.
- Collaborated with a senior developer to develop a relational database system in AWS using my CSV system as the "bones."
- Automated numerous data input and review tasks using macros and APIs, freeing myself of 2 to 4 hours of daily tasks.
- Ensured data integrity and consistency by linking files across various formats and controlling access rights.
- Applied advanced formulas, macros, SQL, Google Apps script, and CODE functions in both Google Docs and Excel to streamline use by the call, sales, and delivery team after interviewing and observing them follow their current process. This drastically improved both communication between teams and productivity within them.
- Generated reports, graphs, and live dashboards with KPI.
- Conducted statistical analysis including hypothesis testing and regression analysis to identify key trends. Advised on pricing and strategy based upon past data and presented these findings to management in clear, actionable formats.
- Created a priority ordering of which dealerships to call first and helped resolve conflict brought about by the priority ordering and performance bonuses. This drastically improved call efficiency and led to increased productivity. Implemented parallel systems such as an automatic email system within Google Docs, customised to each dealership and our offers for them.
- Filtered and "cleaned" data by reviewing computer reports, printouts, and performance indicators to locate and correct code problems.

Christian Conference Trust – *The Hayes Conference Centre, Swanwick, Derbyshire*

Hospitality Sector   June 2019 – May 2020

Hospitality Experience
- Communication and interpersonal skills.
- Teamwork.
- Customer service and attention to detail.
- Food safety knowledge.
- The ability to thrive in a high-stress environment.
- Multi-tasking.

Grupo Antolin Barton – *3ʳᵈ largest Automotive Interiors Supplier; £4b revenue, 28,000 employees, HQ Burgos Spain*

IT Trainee – Work Experience   9ᵗʰ – 31ˢᵗ July 2018

Work Experience Tasks
- Communicated with computer users to find and fix problems.
- Provided IT support, troubleshooting hardware and software issues.
- Supported management of the IT helpdesk, tracking and resolving user problems.
- Set up and configured new equipment, including laptops and workstations.
- Performed basic network administration tasks using Active Directory.
- Gained experience with Windows domain infrastructure and remote management tools.

EDUCATION

Education – University of Bath   September 2020 – Present

Degree
　　Mathematics BSc (Hons)

Education – Bilborough Sixth Form College   September 2018 – June 2020

A - Level
- Maths   Grade A
- Further Maths   Grade A
- Economics   Grade A
- Computer Science Grade B

Education – Frederick Gents Secondary School   September 2013 – June 2018

GCSE
- Maths   Grade 9
- Physics   Grade 9
- Computer Science   Grade 8
- Statistics   Grade A
- Chemistry   Grade 7
- Biology   Grade 7
- Geography   Grade 6
- German   Grade 5
- English Literature Grade 5
- English Language   Grade 4

HOBBIES, INTERESTS & ACHIEVEMENTS

- Debate Society committee member and competitor, regularly breaking into the final, consistently performing the best from my university at all events I attended.
- Philosophy Society committee member, boosting turnout by 50%+ each year. Deeply interested in understanding all things.
- Participated in a white-collar MMA fight for cancer research, raising over £300.
- Avid programmer, working on personal projects, continuously expanding knowledge of multiple programming languages and frameworks.
- Passionate about exploring nature through regular walking and hiking trips.
- Culinary enthusiast, experimenting with diverse cuisines and techniques, hosting dinner parties to share creations with friends and family.
- Chess player and logic puzzle solver, participating in online tournaments and local chess clubs, honing strategic thinking and problem-solving abilities.
- Broad academic interests spanning cutting-edge and traditional fields from AI and Genetics to Psychology, Economics, and History. Regularly watch lectures, read academic journals, and engage in interdisciplinary discussions to stay current with latest developments.
- Keen explorer of global cultural classics across literature, philosophy, art, and music.
- Achieved the rank of Sergeant in the Air Training Corps.
- Bronze Duke of Edinburgh Award.
- National Citizen Service – Phase 1: Encouraged my team in overcoming their fears. Phase 3: Achieved best social action project of my wave, raising funds to buy two defibrillators.
- Ex-student of Ripley Drama Academy. Appeared on TV on various occasions – The Fold, Father Brown, Doctors, a Hot Wheels and Thorpe Park advert, The Game, Love and Marriage, Marvellous, Billionaire Boy and many others.
- Best computing student award 2018.

Reference(s) available upon request