Jack Griffiths

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EDUCATION

Keele University
Masters of Research in Bioscience (Neuroscience); Grade: NA
Keele, UK
Sep. 2024 – Sep. 2025

Keele University
Bachelor of Science in Neuroscience (Hons); Grade: 2:1 (65)
Keele, UK
Sep. 2022 – Jun. 2024

EXPERIENCE

Keele University
Graduate Researcher - Neural Tissue Engineering Lab (Dr Chris Adams)
Keele, UK
Jan 2025 - Present

- **Neural Tissue Culture**: In progress.
- **Microelectrode Arrays**: In progress.

Keele University
Student Researcher - Neuroscience
Keele, UK
Jan 2025 - Present

- **Systematic Review**: "The Efficacy of Psilocybin in the Treatment of Major Depressive Disorder (MDD): A Systematic Review"

Mail Solutions Group
Project Manager - Headed up new start-up eco-friendly products division
Telford, UK
Dec. 2018 - Sep. 2021

- **International Research**: Organised and facilitated an international research trip to China, collaborating with manufacturers and suppliers to establish key partnerships.
- **Investment**: Grew the division from start-up to £300,000 turnover and secured a further £500,000 in investment into world-leading machinery, the first of its kind in the UK, projecting a £1,500,000 turnover.
- **BRC-Accredited Facility**: Planned and oversaw the construction of a BRC-certified food packaging manufacturing facility ($360m^2$).
- **Team Leadership**: Planned and constructed a BRC-approved food packaging manufacturing facility ($360m^2$).
- **Client Relations**: Built strong relationships with customers across the UK, Europe, and the Middle East.
- **Sales Strategy**: Collaborated with the Sales Director to create targeted sales plans and drive lead generation.
- **Team Expansion**: Recruited and onboarded six employees, establishing an efficient 18/6 work schedule.

Capgemini
Software Engineer - HMRC Aspire Project
Telford, UK
Nov. 2015 - Sep. 2018

- **Big Data Integration**: Gained extensive experience in resolving challenges related to ingesting standardised and non-standardized data into a centralised Big Data hub.
- **Data Ingestion and Processing**: Developed and executed Pentaho scripts to ingest and interpret HMRC taxpayer data efficiently. Extracted and processed data using MySQL, Impala, and Beeline for accurate analysis.
- **Java Development**: Supported the development and documentation of our in-house bespoke standardisation solution.
- **Git Administrator**: Took ownership of administering Bitbucket, the git solution used for storing all company project data.

Capgemini
Data Scientist - McDonald's Project
Telford, UK
Sep. 2018 - Dec. 2018

- **Big Data Implementation**: Contributed to McDonald's pilot Big Data and Analytics project, implementing advanced technologies such as Paxata and Waterline Data to optimise data processing. Conceptualized and prepared large-scale datasets for big data analysis, ensuring seamless integration with new technologies.
- **Training**: Delivered training sessions on Paxata and Waterline Data, equipping analysts to manage and process McDonald's vast datasets effectively.
- **Technical Documentation**: Developed comprehensive documentation to support the McDonald's business analytics team in adopting new tools.
- **Stakeholder Collaboration**: Liaised with managers and clients to facilitate the successful handover and adoption of new technologies.

- - **Certification**: Earned certification as a Paxata Data Analyst, demonstrating technical expertise in big data analytics tools.

- **Logicomm 2000** Cannock, UK
  Computer Engineer - Apprenticeship *Sep. 2014 - Nov. 2015*
  - **Server and Network Deployment**: Implemented server stacks, including Active Directory and Exchange services, and optimised customer networks with CAT 5e/CAT 6 cabling, firewall, and router configurations.
  - **Technical Support**: Provided cross-platform support for Windows, Mac, and Linux, including remote assistance via ScreenConnect and hardware deployment for customer needs.
  - **Wi-Fi and Connectivity**: Installed long-distance Wi-Fi bridges using Ubiquiti systems to extend reliable connectivity.
  - **Web and Task Management**: Designed and edited customer websites while managing support tickets using Spiceworks for efficient task tracking.

PROJECTS

PROGRAMMING SKILLS

- **Languages**: Python, Javascript, C++, SQL, Java **Technologies**: