

Christopher Mitchell

SKILLS

- Experienced Analytics Engineer specialising in data pipeline development and automation.
- Proficient in Python, SQL, and R for data analytics, credit risk modelling, and machine learning.
- Skilled in Snowflake, Azure, Tableau, Git/Github, DataOps, and data solutions architecture.
- Background in Data Science, developing and deploying a credit risk model for retail finance.
- Confident in presenting complex data solutions to non-technical stakeholders.
- Currently pursuing a postgraduate degree in Computer Science part-time.
- Conducting novel research in server-side development for web applications with Rust.
- Expected graduation in May 2024.

EXPERIENCE

BINK, ASCOT – *Analytics Engineer*

MARCH 2023 – PRESENT (Full Time, Remote)

- Designed and maintained agile data pipelines using DBT, SQL, Python, Tableau, and PGSQL.
- Collaborated with cross-functional teams to provide actionable insights.
- Lead ground up creation of Snowflake Data Warehouse solution for working with big data.
- Utilised modern data stack deployed on Azure Cloud using Docker and Kubernetes.
- Developed and maintained CI/CD pipeline using GitHub Actions.
- Created, Maintained, and Presented Tableau dashboards to stakeholders.
- Automated data testing and introduced code review, and development standards within data team.
- Prepared Data Warehouse for AI and ML development work.
- Presented regularly to stakeholders, both technical and non-technical.
- Attended conferences with Snowflake and DBT Labs.

STREET UK FOUNDATION, BIRMINGHAM – *Data Scientist*

MAY 2022 – FEB 2023 (Full Time, Hybrid)

- Architected and engineered full azure data stack solution including:
- Azure Data Factory, SQL and NoSQL databases, automated ETL pipelines, and machine learning.
- Utilised SQL, R, Python, and PowerBI for ETL processes, analytics, and machine learning.
- Analysed web service usage patterns and created self-service PowerBI dashboards.
- Led advanced analytics efforts, including K-Means Clustering for demographic data.
- Revitalised credit risk modelling with open banking API integration in Python.
- Designed data experiments (A/B Testing) for software solutions.
- Regularly reported updates to senior management team and board of trustees.
- Worked with marketing department to analyse ROI of campaigns.

EMPLOYMENT HISTORY PRIOR TO CAREER SWITCH

STREET UK FOUNDATION, BIRMINGHAM – *Admin Officer*

JUNE 2021 – MAY 2022 (Full Time, Hybrid)

STREET UK FOUNDATION, BIRMINGHAM – *Credit Control Officer*

OCT 2020 – JUNE 2021 (Full Time, In Person)

HSBC, BIRMINGHAM – *Collections Advisor*

FEB 2020 – SEPT 2020 (Full Time, Hybrid)

SHIRE LEASING PLC, TAMWORTH – *Collections Executive*

APRIL 2018 – FEB 2020 (Full Time, In Person)

SHIRE LEASING PLC, TAMWORTH – *Graduate Forensics Administrator*

JULY 2017 – MARCH 2018 (Full Time, In Person)

DRAYTON MANOR PARK, TAMWORTH – *Food and Beverage Host*

JULY 2016 – JULY 2017

EDUCATION

UNIVERSITY OF WOLVERHAMPTON – *MSc in Computer Science*

SEPT 2021 – MAY 2024, Part-Time Hybrid Learning

Average Grade: Distinction

- Novel research into the Rust programming language and its applications to software engineering.
- Acquired proficiency in Python, R, Machine learning, AI, and cloud data technologies.
- Completed projects in web development and mobile application development.
- Learnt frameworks such as React, Flutter, Laravel, NodeJS, Django, FastAPI, and Actix.
- Eager to apply these skills to software engineering roles.
- Transcripts available upon request

UNIVERSITY OF LINCOLN – *LLB in Law and Politics*

SEPT 2013 – JULY 2016

POLESWORTH HIGH SCHOOL, TAMWORTH – *A Levels*

SEPT 2011 – JULY 2013, 3 at A-C

WILNECOTE HIGH SCHOOL, TAMWORTH – *GCSEs*

SEPT 2007 – JULY 2011, 7 at A-C including English and Mathematics