

Isaac Brocklesby

Data Scientist

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🌐 website coming soon..

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Personal Profile

Isaac is a hardworking problem solver who loves a challenge and all the learning opportunities that come with it. With a mathematical background and a strong pool of technical tools at his disposal, Isaacs skills are perfect for utilising data and analytics to provide value to a business.

Isaac is enthusiastic about coding and creativity, so he is always seeking opportunities to combine the two and utilise exciting cutting-edge data science techniques to create a product which can give back to the community.

Career Summary

Zurich UK, Junior Data Scientist

September 2019 - Present

- + Develop and maintain applications from prototype through to production using methods such as Azure Function Apps and Docker containers.
- + Use deep learning model frameworks such as XGBoost and Neural Networks in Python and R to perform predictive analytics.
- + Communicate complex concepts to stakeholders with minimal technical backgrounds, utilising visualisation packages such as Matplotlib or ggplot2.
- + Clean, format, and engineer variables from various forms of data.
- + Innovate new methods and ideas to make data science processes more effective and efficient.
- + Ensure ethical use of data and guarantee analysis is not biased.
- + Thoroughly document work and be prepared to explain it to colleagues.

Technical Skills

Excellent Good *Foundation*

Python

- Pandas
- Sklearn
- Keras

Apache Spark

- PySpark
- Databricks

SQL

- Microsoft SQL Server Management Studio
- PostgreSQL

R

- dplyr
- ggplot2

Microsoft Azure

- DevOps
- Data factory (storage and pipelines)

Git

- Github
- (Azure DevOps)

Education and Qualifications

Microsoft Azure Data Scientist Associate

Earned June 2021

Mathematics A-level - A*

Godalming College 2014-2015

Further Mathematics A-level - A

Godalming College 2015-2016

Mathematical Sciences BSc - 2:1

Durham University, 2016-2019

Physics A-level - A

Godalming College 2014-2016