

Edward Atkin, Data Engineer

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Data Engineer with a passion for digital development and problem-solving through code. Proficient in web development, data science, and game development.

Professional Experience

Data Ops Engineer, Blueskeye AI

January 2024-present

- Developed and maintained a web-based annotation platform for data labelling
- Migrated from Firestore to a scalable PostgreSQL Cloud SQL database, solving critical performance issues
- Collaborated with the R&D team to develop new annotation tools
- Handled the entire database overhaul project independently, showcasing exceptional problem-solving and Python expertise

Teaching Assistant, Le Wagon

January 2024-present

- Provided support to students during Le Wagon's introductory Python week, helping them take their first steps into programming
- Provided one-on-one support for student learning and development

Head Brewer, Matlock Brewing Company Ltd

April 2015-January 2024

- Oversaw all aspects of brewing production, from recipe development to production
- Developed 3 award-winning recipes, including Reverence, an extra special bitter brewer with heritage barley Chevallier
- Managed market stalls and events, acting as a brand ambassador

Development Team Lead, Date & Game

April 2021-May 2023

- Designed and developed games for a small startup company
- Created robust, modular systems that formed the foundation for various online multiplayer games
- Collaborated with artists, game designers and app developers to ship 6 games
- Mentored and supported new developers

Education

Data Science, Le Wagon

April 2023-October 2023 | Remote

- Part-time coding bootcamp focussing on Python, SQL, Statistical Analysis, Machine Learning, Deep Learning and MLOps
- Gained practical experience through development of individual and group projects

BSci Mathematical Physics, University of Nottingham

September 2011-July 2015

Technical Skills

Programming Languages

Python, SQL, HTML5, CSS3, JavaScript, 6502 Assembly

Data Science and Analytics

Data Collection and Visualisation, Machine Learning, Neural Networks, ETL, Statistical Analysis

Tools and Technologies

Git/Github, Google Cloud Platform, Linux, Docker, Make, Vim

Projects

Microjournal App (WIP)

<https://microjournal-cfihq5izoa-nw.a.run.app/>

- Designed and deployed a journalling app, providing users with prompts to help guide their journalling experience
- Uses Firebase and Firestore as a datastore and for user authentication
- Express JS serves the front end to users and uses a Flask API to interact with the database

Horse Racing Predictor

<https://horseracing.edwardatkin.co.uk>

- Project built from scratch - data collection right through to deployment
- Implemented fully automated data collection and result prediction utilising *Google Cloud Platform* for running containerised services and *Google BigQuery* for database management
- Fully autonomous and profitable service making bets using the Betfair API