Edward Atkin

✉ edwardatkin@edwardatkin.co.uk   📞 +447852264264   ◎ Nottinghamshire, United Kingdom

🏠 https://www.edwardatkin.co.uk   ⚫ https://www.github.com/eatkin

Profile

Programmer with a lifelong affinity for digital development. Cultivated a versatile skill set that spans web development, data science, game development and beyond. Recently graduated from Le Wagon's prestigious Data Science Bootcamp and developed individual and group projects. Committed to perpetual learning and driven by a passion for creating efficient solutions.

Education

Data Science, Le Wagon

April 2023-October 2023 | Remote

- Part time coding bootcamp covering Python, SQL, Statistical Analysis, Machine Learning, Deep Learning and MLOps
- Developed a variety of individual and group projects

Mathematical Physics, University of Nottingham

September 2011-July 2015

- Developed strong foundations in advanced mathematical concepts
- Applied complex mathematical theories to real-world scenarios
- Completed a scientific computing project predicting probabilities of particles in different potentials using MATLAB

Technical Skills

Programming Languages

Python, HTML5, CSS3, JavaScript, SQL

Data Science and Analytics

- Data collection with web scraping and APIs, data cleaning and preprocessing with Pandas and NLTK
- Data visualisation using Matplotlib, Seaborn and Plotly
- Machine learning modelling using SciKit-Learn and XGBoost
- Neural network architecture with Tensorflow Keras including image recognition and NLP
- Statistical modelling with StatsModels

Tools and Technologies

VSCode, Vim, Git/Github, Jupyter Notebook, ZShell, Google Cloud Platform

Professional Experience

Head Brewer, Matlock Brewing Company Ltd

April 2015-present

- Led all aspects of brewing production from recipe development to production for a small, family-run business
- Developed award winning recipes, including one utilising heritage barley variety Chevallier
- Managed market stalls and events, working directly with customers to promote the brand

Development Team Lead, Date & Game

April 2021-May 2023

- Game developer for a small startup creating a dating app with multiplayer game integration
- Built robust, modular systems supporting online multiplayer gameplay as the basis for a variety of games
- Worked with artists, game designers and app developers to integrate the game into the app
- Supported new developers in learning the codebase and working with the systems

Projects

Reddit Sentiment Analysis

2023

- Group project working in a team of 5 to analyse the sentiment of Reddit comments and exploring the relationship between sentiment and stock prices

Horse Racing Predictor

2023

- Horse racing predictor built from data sourcing through to model training and deployment
- Continuous monitoring of model predictions to find meaningful ways to interpret results
- Automation systems using Shell scripting to run daily data collection and predictions

Coding Heaven (Blog)

2023

- Authored *Coding Heaven*, a blog to share my experiences of programming and data science concepts in a fun and entertaining way

Other Minds

2021

- Open world 2d platformer project with unique mechanics allowing the player to control any entity within the game
- Developed over two years as a solo developer
- Worked on game design, programming, artwork and music

Languages - German, beginner level

References available upon request