PATRICK FITZSIMONS

07789-529-650 ⋄ **Bromley, London** — Finance and IT Enthusiast

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OBJECTIVE

A highly motivated Data Science and Computing student with strong skills in Python, Java, and SQL, seeking an entry-level role in software development or IT within the financial sector. Passionate about leveraging technical expertise and problem-solving abilities to develop innovative and efficient solutions.

EDUCATION

BSc Data Science and Computing, Birkbeck, University of London.   Expected 2026
Relevant Coursework: Software and Programming, Data Structures and Algorithms,
Systems Analysis and Design, Database Technology, Mathematics for Computing, Computer Networking.
Certifications: Introduction to Neural networks and PyTorch - IBM, Generative AI & LLMs : Architecture & Data Preparation - IBM

SKILLS

Machine Learning & AI: PyTorch, scikit-learn, NumPy, Pandas, Matplotlib
Software Development: Flask, Bootstrap, MongoDB, UML
Language & Tools: Python, Java, SQL,Git, GitHub, Heroku, IntelliJ IDEA, VS Code, MS Office.
Data Analysis/Visualisation: Matplotlib, SciPy.

EXPERIENCE

Bar Supervisor   March 2023 - Present
The Surprise   *Chelsea, London*

- Managed a team during busy shifts, ensuring efficient operations and exceptional customer service.
- Developed strong leadership, teamwork, and time management skills in a fast-paced environment.

Various Sales & Recruitment Roles   January 2016 - 2023
BWC, WestworkGroup, Nigel Frank International, Vinverum   *London*

- Specialized in recruiting AWS professionals for DevOps, Enterprise Architect, and VP roles, gaining insights into cloud computing and IT systems.
- Developed and maintained client relationships, successfully negotiating new contracts and building company revenue.
- Introduced new clients to niche markets such as fine wine investments, demonstrating expertise in business development and client management.
- Consistently exceeded sales targets by identifying client needs and providing tailored solutions.

PROJECTS

Web Scraper Automation Tools. Built Python-based scrapers using BeautifulSoup and Selenium to extract data from e-commerce platforms. Automated multi-layered web navigation to gather product pricing. Saved over 100+ hours of manual effort and improved data reliability for analysis.

League of Legends Match Predictor. Developed a machine learning model using PyTorch and scikit-learn to predict match outcomes based on in-game statistics. Applied data preprocessing, feature scaling, and model evaluation techniques to optimise accuracy. Integrated classification metrics such as ROC curves and confusion matrices for performance analysis.

Interactive AI chat tool. Developed a Python-based chat app with a Flask backend integrated with OpenAI GPT-4 for conversational AI. Built a responsive frontend using HTML, JavaScript, and Bootstrap. Deployed on Heroku, enabling real-time, context-aware interactions. Showcased skills in API integration, web development, and cloud deployment.