

Dominic Hubble

Applied AI & Software Engineer

Isle of Man

+44 7478 696892

✉ dominichubble@gmail.com

🐙 dominichubble

in dominichubble

🌐 dominichubble.com

🐙 github.com/dominichubble

in linkedin.com/in/dominichubble

🌐 dominichubble.com

Profile

Applied AI & Software Engineer building data-driven systems and using AI to improve workflows. Experienced in full-stack and mobile development, with a focus on practical, real-world applications. A strong team player who communicates well, works effectively with others, and learns quickly from feedback and challenges.

Technical Skills

Programming **Python, TypeScript**, Dart, SQL, Java

Software **Flutter, React**, Node.js, REST APIs, backend systems, relational databases (MySQL), schema design
Development

Data & AI Data pipelines, web scraping, API integration, machine learning pipelines, NLP (BERT/FinBERT),
model evaluation (accuracy, F1, RMSE)

DevOps & **GCP**, CI/CD (GitHub Actions), Git, Linux, Jira, Figma, VS Code, Postman, Cursor, Claude, GitHub
Tools Copilot

Experience

2025 – **Software Developer (Part-time)**,  **Mezzedata***

- Present
- Leading development of a Flutter-based mobile application, owning architecture, feature delivery, and technical direction.
 - Developed an in-house system for MezzedDocuments, transforming static PDFs into structured, interactive in-app content to improve usability and content delivery.
 - Designed modular architecture (data, domain, presentation layers) to support scalability and long-term maintainability.
 - Built structured data pipelines and caching systems to improve performance, scalability, and content delivery efficiency.
 - Delivered scalable, production-ready features in an Agile environment, translating stakeholder requirements into technical solutions.

Sep 2024 **Software Developer Internship**,  **PDMS***

- Worked across front-end development, business analysis, testing, UX, and project management within an Agile team.
- Contributed to internal systems and gained exposure to real-world software delivery and collaboration workflows.
- Strengthened understanding of version control, delivery pipelines, and production environments.

2022 – 2024 **Affiliate Executive & Software Developer**,  **Loads of Traffic***

- Developed Python automation tools to streamline outreach and web scraping, removing manual processes and improving efficiency.
- Optimised workflows by eliminating unnecessary stages, reducing operational complexity and improving scalability.
- Applied data-driven analysis to improve affiliate performance and support decision-making.
- Combined technical implementation with commercial insight to drive measurable improvements in productivity.

Projects

Machine Learning Model for Time-Series Prediction

- Designed and evaluated neural network models for time-series prediction in Python.
- Built an end-to-end machine learning pipeline including preprocessing, feature engineering, and evaluation.
- Achieved strong predictive performance ($R^2 > 0.85$).

Productivity & Knowledge Management System (Team Lead)

- Led a 6-person team to design and deliver a full-stack system using React, MySQL, and GCP.
- Delivered ahead of schedule while managing a large project scope and coordinating team output.
- Applied Agile methodology with Jira to manage sprints, tasks, and requirements.
- Developed scalable features including task management and data-driven dashboards.

More projects: github.com/dominichubble

Publications

2026 Diagnosing and Mitigating the Neutral-Class Deficit in Financial Sentiment Analysis

First-author journal paper (with S. Lynch), developed from my dissertation and currently under review at *Data Science in Finance and Economics* (AIMS Press). An explainability-guided method using FinBERT and LIME to diagnose and repair neutral-class errors on multi-source investor text, recovering neutral recall by 18.4 points and lifting accuracy to 86.5%.

Education

2023 – 2026 BSc Computer Science (First-Class Honours), Loughborough University

Key Modules: AI Methods (81%), Formal Methods (81%), Object-Oriented Programming (87%), Operating Systems, Networks & the Internet 1 (87%), Team Projects (91%), Mobile Application Development (80%), Embedded Systems Programming (98%).

Achievements: Nominated for Loughborough University's *Entrepreneur of the Year Award* (2023).

Certifications: Certified ScrumMaster®* · Google Cloud Digital Leader*

2021 – 2023 A-Levels: Computer Science (A), Mathematics (A), EPQ (A), Economics (B), Physics (AS) (B), St Ninians High School

2016 – 2021 GCSEs: 7 A*s, 4 As, St Ninians High School

Activities & Leadership

Hockey: Isle of Man Men's Squad & Loughborough Town 1s

Leadership: Deputy Head Student, Junior Achievement Managing Director

Entrepreneurship: Loughborough Enterprise Network (LEN)

Interests

Economics, financial systems, AI applications, competitive sport, and innovation.

References

Available upon request.