LUCY INETT

Computer Science Master's Degree with Year in Industry
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Summary

Highly motivated MEng Computer Science Master's graduate who is passionate about the future of intelligent technology. Strong experience in Python, .NET, Azure, and AI-driven projects, with a proven track record in driving automation and innovation.

Key Achievements

AI Champion Hackathon Organiser - Led sector-wide GPT hackathon and drove AI adoption through automation, education, and internal process improvements.

Delivered Client-Facing AI Tool - Led development of a Python system for oil rig part extraction with 99% accuracy managing delivery and expectations.

Recovery Transformation Tool - Built a .NET tool for Azure dead letter recovery, actively used by service teams during a high impact transformation project.

Outstanding Dissertation Award – Received the Outstanding Computer Science Project Prize for one of the top final-year BSc Computer Science dissertations.

Experience

CGI - Technology Placement Intern in the Energy & Transformation Sector 2024 - 2025

- Led an **automation project** for oil rig part extraction, building a Python-based system that parsed and labelled components with 99% accuracy, ensuring high-quality delivery.
- **Drove AI adoption** through the **AI Ignite initiative**, creating Python-based tools for automating invoicing and financial reporting, and leading a team of **AI Career Stream Champions** to drive proof-of-concept (PoC) ideas across the business.
- Organised and **led a company-wide AI hackathon**, promoting GPT technology and encouraging AI use in business processes.
- **Developed a full-stack social value calculator** (React frontend, Java backend, Azure infrastructure), mentoring engineers and translating client. requirements into technical features.
- **Diagnosed and resolved Azure Service Bus issues** in a **.NET environment** by developing a bespoke test harness to isolate and identify the problem. Collaborated with Microsoft for a resolution, ensuring system reliability during the transformation project.
- Solely developed a **production-ready dead letter recovery tool** in .NET, which was actively used by service teams to support operations during a major transformation, minimizing downtime and ensuring smooth service continuity.

Inverter Drive - Software Developer Internship 2023

- Developed automation functionality using **Microsoft Graph**, streamlining invoice processing and enhancing operational efficiency.
- Automated **emailing** and **SharePoint** functionalities, optimizing communication and document management.
- Tested and optimized a web API using **C#**, improving backend system performance and enabling more robust data handling.

WMG - Summer Internship 06/2022 - 08/2022

- Designed and developed an application in Matlab to relabel ground truth bounding boxes for neural networks used in autonomous vehicles.
- Gained hands-on experience with deep neural networks and machine learning models in a research-driven environment.

Fair Forex – Part Time Customer Support Agent 2020-2022

- Supported users of an online forex trading platform, gaining early exposure to trading concepts, market mechanics, and retail trading tools. Developed familiarity with trading platforms (MT4/MT5) and common FX product types.

Education

Warwick university - MEng Computer Science 2021 - 2026

- **Relevant Courses**: Artificial Intelligence, Cybersecurity, Machine Learning, Data Structures & Algorithms, Cloud Computing.
- **Outstanding Dissertation Award - Outstanding Department of Computer Science Third-Year Project Prize**
- **Social Secretary, Classics Society** – Managed events and activities to promote engagement and community involvement.
- **Generative AI Co-module Producer** – University of Warwick (May 2024 – June 2024)
  - Led the development of an academic module on AI, focusing on real-world applications and industry impact.
  - Assisted in curriculum design and content creation to enhance students' understanding of AI technologies and their societal implications.

Training / Courses

Azure Management and Governance (Trophy), Microsoft Azure Cloud Concepts (Trophy), Databricks Fundamentals (Certificate), Get Started with Lakehouse Architecture on Databricks (Certificate), Azure Compute & Networking Services, Azure Monitoring Tools, Azure Resource Management, Azure Architecture, Cloud Service Models, Azure Functions

Skills

Programming: Python, C#, Java, MATLAB, JavaScript, TypeScript
Frameworks & Tools: React, Flask, FastAPI, .NET, Visual Studio, PyCharm, GitHub, Docker, SQL, Linux
Cloud & Soft Skills: Microsoft Azure, Microsoft Graph, Power Automate, SharePoint, Agile Methodologies, Leadership, Collaboration, Project Management, Problem Solving, Communication, Adaptability