

Vicky Narotamo

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

Profile

A curious and innovative Computer Science undergraduate with a strong academic record. Currently expecting a First-Class result and a growing interest in data analytics and software driven decision making. Experienced in programming, analytical reasoning, and building structured solutions through coursework and real-world projects. I am seeking a Data Analytics placement to apply problem solving, programming, and analytical skills in an industry environment.

Key Skills

Programming & Data:

- Python (data processing foundations)
- Scala (functional programming, data transformation)
- SQL fundamentals

Tools & Platforms:

- Git & GitHub, VS Code, React, Next.js, Tailwind CSS, Linux (More comfortable with Windows CMD), Netkit (virtual networking labs)

Analytical Skills: Adept at data reasoning while using Logical and quantitative thinking

Soft Skills

- Technical documentation & analytical writing: created clear internal documentation describing backend logic, data workflows, and system behavior for an AI-based project.
- Verbal communication & presentation: presented the team's technical approach, system design, and outcomes to business professionals and DMU staff during a formal project showcase.
- Team leadership & coordination: led a 4-person cross-functional team as programme lead, assigning tasks, resolving blockers, using agile methods and collaboration tools.
- Adaptability & initiative: researched the Google Gemini API in collaboration with project teammates, then independently implemented and integrated it, adapting quickly to new tools to meet real-world project requirements.

Education

De Montfort University, Leicester
BSc Computer Science (2023 – Present)

First Year Modules:

Security & Data Protection Report (83%) Conducted GDPR-aligned data handling and risk analysis, Fundamental Concepts of Computer Science, Computer Programming (Functional programming using Scala (100%), Operating Systems & Networks

Second Year Modules:

Data Structures & Algorithms, Object-Oriented Design & Development, Web Application development, Agile Development Team Project

Projects

East Midlands Chamber – AI & Data Engineering Project (Lead and Inspire Programme – Winning Team)

I worked with the East Midlands Chamber on a live client brief focused on AI-powered data extraction.

- Led a 4-person cross-functional team, using agile methods to plan, divide, and deliver technical work over 5 weeks via Discord and in-person meetings.
- Built a Python-based AI pipeline integrating Google Gemini to extract and structure data from scanned receipts (PDFs).
- Took ownership of backend development and implemented core logic for data flow, API integration, and result accuracy.
- Produced clear internal documentation describing system behaviour, decision-making, and future improvement areas.
- Delivered a final showcase presentation to industry professionals, articulating both technical work and real-world impact.
- Awarded the Overall Programme Winner out of multiple university teams, including those working with Amazon and Jaguar Land Rover.

Experience & Leadership

Developed adaptive leadership skills - learning when to lead through inspiration and support (transformational) versus task and outcome-focused methods (transactional), depending on team needs and project demands.

Built confidence communicating with non-technical stakeholders, presenting complex ideas clearly to clients, mentors, and business professionals.

Customer-Facing Roles

- Acted as the first point of contact for guests, handling check-ins and check-outs, answering enquiries, and providing clear professional assistance.
- Listen carefully to guests' requirements and concerns, responding appropriately and tailoring support to meet individual needs while maintaining service standards. Handling any issues and complaints calmly and professionally.