Samson Olajide

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PROFESSIONAL EXPERIENCE

ELI LILLY   **Bracknell, UK**
Software Engineer (Part-time/Zero-Hour)   **AUGUST 2025 - Present**
Software Engineer (Placement)   **JULY 2024 - AUGUST 2025**

Contributed to multiple high-impact projects across LLM infrastructure, internal tooling, and full-stack development during a year-long software engineering placement at Eli Lilly.

- Deployed LLM-powered classification models for identifying Adverse Events and Product Complaint, improved automation, reduced manual triage workload, and delivered scalable model execution pipelines
- Designed and implemented a token-based redaction model to improve PHI redaction accuracy over traditional regex systems and increased precision in detecting sensitive entities in medical texts
- Automated model performance reporting using Python and Temporal.io; introduced dynamic configurations to support new models with 60% less manual effort
- Optimized AWS Textract-based OCR workflows for the Data Extraction Service; improved form/table parsing reliability and reduced pipeline errors
- Built and maintained components of an internal Next.js employee portal; enhanced UX, implemented Graph/ JIRA and Workday API integrations, and streamlined CI/CD workflows
- Led portal redesign sprint and delivered new features under tight timelines and promoted better team velocity

PROMTRON SOLUTIONS A.S   **Prague, Czech Republic**
Intern   **2022-2022**

Completed a business-technology internship at PromoTron, a cloud-based B2B platform serving the promotional product sector. Designed a tailored partner-company database to streamline strategic collaborations, aligning with company objectives.

- Designed and implemented a structured database of potential partner companies based on market fit, service alignment, and business priorities
- Improved lead targeting and reduced manual filtering by identifying high-potential collaborators using defined business logic and sector-specific criteria
- Gained experience in professional stakeholder communication, aligning technical work with commercial goals and presenting findings to senior team members

PERSONAL PROJECTS

LOCKD   **2024-2025**

A collaborative photo album storage system using Next.js that enables multiple users to contribute to shared albums. Implemented a custom Edge AI sentiment analysis model to evaluate the positivity of album titles, enhancing user engagement through intelligent feedback.

- Used NextAuth with OAuth (Google) for secure login
- Managed user data with Prisma and images with AWS S3

BUS TIME PROVIDER   **2023**

Developed a web scraper to extract live Oxford bus service times and deliver real-time updates through messaging platforms such as Discord. Addressed the lack of persistent reminders in the original service by automating notifications to improve user experience.

- Integrated with the Discord API to automate timely notifications and reminders for bus arrivals
- Exploring embedded systems to build a compact, standalone display using Arduino or Raspberry Pi

EDUCATION

OXFORD BROOKES UNIVERSITY   **Oxford, UK**
BSc (Hons) Computer Science   **2022-2026**
Overall Grade: 1st class/4.0 GPA as of 2nd year

- Modules Learnt: Object Oriented Programming, DevOps, Mathematics for Computing

ADDITIONAL INFORMATION

- Languages/Tools: Java, Python, Typescript, React Native, HTML,CSS, Javascript, FastAPI, Temporal
- **Certifications**: AWS Solutions Architect - Associate