

Eduard-Andrei Teodor

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PERSONAL STATEMENT

Predicted 1st class Computer Science Graduate interested in growing my skills in Software Development. Proficient in Java and PostgreSQL, with experience in Web Dev and fast-paced, high pressure environments, complemented by strong teamwork and leadership skills.

EDUCATION

City, University of London – Predicted: First Class Honours London, UK
BSc (Hons) Computer Science Sep 2023 – Jun 2026

- **Relevant modules:** Java (78%), Databases (80%), Team Project (83%), Prog & Maths for AI (76.4%), System Architecture (79%), Data structures & Algorithms (75.3%).
- **Dissertation:** “*Mileage Tracking Application with Driving Impact Analysis*”

Southbank University Academy – Achieved: BBB London, UK
A Levels & GCSEs Sep 2016 – Jun 2023

- **A Levels:** Maths (B), Physics (B), Computer Science (B); **GCSEs:** Grades ranging 9–7 across 9 subjects.

PROFESSIONAL EXPERIENCE

Freelance Web Developer Remote
Self-employed Oct 2023 – Current

- **Developed high-performance static websites** using Next.js. Implemented **responsive, mobile-first designs**, ensuring **cross-browser compatibility**.
- Managed the **full development lifecycle** from local to production via Git and Netlify, maintaining **100% uptime** for client sites.

Front Of House Team Member London, UK
Leon Restaurants Limited Jun 2023 – Nov 2025

- Maintained **high operational efficiency** in high-pressure environments, successfully managing peaks of **700+ daily transactions**. **Managed on-the-ground operations** for a team of 6, **optimising workflow**.

SKILLS

Languages: Java, Python, PostgreSQL, HTML/CSS/JavaScript

Tools: Docker, SpringBoot, Linux, GitHub, Cloudflare Tunnels, Proxmox, Netlify, NextJS, IntelliJ

PROJECTS

Local LLM Deployment & Experimenting – Personal Project 2026

- **Evaluated** Gemma and Qwen architectures via **LM Studio** and **Super RAG**, observing the impact of **GGUF quantization** on retrieval accuracy and hallucination rates. **Developed a Python pre-processor** to parse and transform raw JSON "text-dump" data into an optimised text file, reducing token usage and context window strain. **Identified** hallucination thresholds in 7B-parameter models; **gained practical experience** in **data optimisation** and maintaining model reliability through structured input.

Intelligent Mileage Tracker & HMRC Report Generation (Java) – University Project 2025–2026

- **Full-Stack Development**, Built an end-to-end **proof-of-concept** system using Express.JS, Postgres, and Android (Java). Containerized with Docker and accessed remotely through Cloudflare Tunnels. Implemented a Python-based logistic regression classified to categorise trips based on geographic and behavioural features. Automated **DVLA registration lookups**, **Nominatim Address Look up** and **HMRC PDF Mileage Reporting**, streamlining the user workflow from raw data to official documentation.

End-to-End Theatre Booking System (Java) – University Project

2025

- **Directed the full project lifecycle** for a multi-user booking platform, focusing on **System Design** and **Technical Specification** rather than implementation. **Orchestrated Agile workflows via Jira**, transforming user stories into technical requirements and managing the development team's sprint velocity. **Authored comprehensive system documentation**, including UML diagrams and API schemas, ensuring a scalable and maintainable code base for the developers. **Achieving a 1st Class** for the Team Project Module.

Neural Network from Scratch (Python) – University Project

2025

- **Developed** a complete **Multi-Layer Perceptron (MLP)** using only **NumPy**, implementing forward and backward propagation from first principles. **Programmed** implementations of activation functions (**Relu, Sigmoid, Softmax**). Verified mathematical correctness by benchmarking performance against **scikit-learn** implementations, achieving comparable accuracy on CIFAR10 dataset. Resulting in **achieving a 1st Class** for Prog & Maths for AI.

VOLUNTARY & LEADERSHIP

CoachBright Mentor

London, UK

SSAT Gold Student Leadership Award

2023

- Mentored Year 10/11 students through GCSE Mathematics, adapting Coaching styles to meet individual student needs demonstrating strong **interpersonal and explanatory skills**. Achieved **SSAT Gold Student Leadership Award** in recognition of exceptional communication, reliability and mentorship impact.

REFERENCES *Available on request*
