

Sorin Ababii

07897583183 | ababiisorin@hotmail.com | [linkedin.com/in/sorin-ababii/](https://www.linkedin.com/in/sorin-ababii/) | github.com/luresilon

Education

The University of Essex

Sep 2019 — Jul 2023

BSc (Hons) Computer Science — First Class

Colchester, UK

Relevant courses: Large Scale Software Systems and Extreme Programming, Natural Language Engineering, Evolutionary Computation and Genetic Programming, Advanced Programming, and Computer Vision.

Employment

AI Freelance Trainer | Outlier

Apr 2024 — Present

- Leveraged **RLHF** to improve model precision and relevancy metrics on transformer-based language models
- Collaborated with **ML** engineers to fine-tune model parameters and hyperparameters, ensuring optimal performance
- Provided feedback on model outputs through **HITL** processes, contributing to the continuous improvement of deep learning capabilities
- Assisted engineers in the development and curation of training datasets, focusing on data augmentation and ensuring coverage of diverse linguistic patterns and scenarios

Bookkeeping Assistant | RU-STEEL LTD.

May 2019 — Sep 2019

- Accurately recorded and processed over 50 transactions per month, ensuring all entries were compliant with company policies and accounting standards.
- Led the implementation of a more streamlined invoicing system, reducing processing time by 25% and a noticeable decrease in overdue payments.
- Enhanced financial statement accuracy by implementing regular reconciliations and identifying discrepancies.

Projects

[Search Algorithms Visualiser Thesis](#) | Java 17 — Swing, Data Structures & Algorithms, JUnit, JavaFX, SQLite

- Developed a desktop application using **Java** and **Swing** to visualise search algorithms, enabling real-time interaction and improving learner comprehension.
- Designed and implemented custom data structures and algorithms, using **JUnit** for testing and **profiling tools** to ensure scalability, modularity, and optimal performance.
- Built a benchmarking system with **JavaFX** and **SQLite**, allowing users to compare algorithm efficiency across different configurations, significantly enhancing the educational value.

[Pub Quiz Desktop App](#) | Java 21 — Web Crawler, TortoiseSVN, Swing, Maven, Junit

- Led a group project in developing a Java-based Pub Quiz Desktop App, integrating **web crawler** to dynamically source quiz questions from the internet and store them locally.
- Designed a customisable quiz platform with options for question quantity, themes, and answer displays, using **Swing** for an intuitive interface.
- Managed project collaboration with **TortoiseSVN**, integrating **Maven** for efficient project management and **JUnit** for thorough testing.

[Virtual Café System](#) | Java 8 — Multithreading, Sockets, JDBC

- Developed a Java-based Virtual Café System capable of handling 50+ simultaneous clients with **multithreading** support, ensuring efficient and scalable client-server communication.
- Utilised **Sockets** for real-time data exchange and **JDBC** for managing database interactions, enhancing system reliability and user experience.
- Leveraged **Java SE 8** to integrate robust exception handling and logging mechanisms to monitor system activity and ensure smooth client operations, improving overall system stability and maintainability.

Technical Skills

Programming: Java, Kotlin, JSP, Python, C, C#, JS(& TS)/HTML/CSS, SQL (MySQL, PostgreSQL), Bash

Technologies: Spring Boot, Hibernate, Junit, Mockito, REST APIs

DevOps & Cloud: AWS, Docker, Kubernetes, MongoDB, Git, CI/CD, TortoiseSVN

Certificates & Leadership Awards

- **Certifications:** Spring Boot 3 (& 6), Hibernates, Java Design Patterns, Multithreading & Concurrency *Jul 2023 — Present*
- **Executive Head of Esports** | Essex Esports Society | The University of Essex *Aug 2022 — Jul 2023*
- **Vice-President** | Essex Game Dev Society | The University of Essex *Aug 2021 — Jul 2023*
- **Dean's List Award of Excellence** | The University of Essex *Oct 2019 — Jul 2023*