MORRIS SARDO

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EDUCATION

Royal Holloway Unversity of London	Egham, Surrey
MSci Computer Science(Artificial Intelligence) with Year of Industry	September 2022 –June 2027
Expected grade 2:1	

City and Islington College	London, UK
Level 3 Access to Higher Educational Diploma Engineering	September 2021 - June 2022
CGPA: 139/145	

City and Islington College	London UK
GCSE Maths	September 2020 - June 2021
CGPA: 7	

SKILLS

Certificate: MATLAB Onramp.

Programming Languages: Java, Python, JDBC, JavaScript, HTML, CSS, C, SQL.

Good knowledge in VCS, JUnit, Java Doc, implementing using(TTD)Test Driver Development and (VCS) Version Control System.

Personal: Research Skill, Strategy, Problem solving, Engineering.

CARRER HISTORY

United Kingdom, Egham Surrey.

June 2024 – September 2024   Research Placement in Royal Holloway University of London.

Summary:

Collaborating with a research team interested in the visualization of datasets from multidimensional

- space to two-dimensional space without losing the reliability of the data.

My main duties are:

- Understanding different methods of linear and nonlinear dimensional reduction like PCA, t-SNE, ISOMAP, and SOMAM, and how to plot them.
- Understanding and applying algorithms(Python) for dimensionality reduction (DR).
- Testing the reliability of the algorithms.
- Using SVC.
- Having a scrum meeting once per week with my tutor to discuss concerns, progress, and next steps.

SUMMARY

 Over the past four years at City and Islington College and Royal Holloway, University of London, I have honed my skills in organizing, implementing, and delivering projects that adhere to the highest standards of quality. My projects have taught me the importance of precision and the impact of well-executed plans, enhancing my organizational skills and demonstrating my ability to manage complex projects within tight deadlines. My journey has been marked by successful collaborations, highlighting my strong teamwork skills. Whether leading cross-functional teams or contributing as a team member, I have fostered an environment of mutual respect and collective problem-solving.

In my first year in the Royal Holloway University of London, I was part of a team that implemented a self-driving car project. We used LEJOS Java for the mechanical aspects and OpenCV Java for the recognition part. Our team also utilized GitLab for version control, enhancing our collaborative efficiency.

During my current year(Second Year), I have undertaken several projects:

- Developed a calculator app capable of interpreting expressions in both standard and reverse Polish notation, implementing TDD, VCS, and the MVC design pattern. This project was particularly successful, teaching me valuable skills for professional teamwork.
- Created a database for an airport, requiring knowledge of SQL and utilizing Java and JDBC in a Java environment. This project further developed my technical and organizational skills.
- Developed a game in C that simulates dynamic memory allocation, challenging my understanding of lower-level programming concepts.
- Currently, I am part of an eight-member team developing a restaurant management system. This project uses JavaFX and CSS for the GUI, Java and JDBC for the controller and model, and adheres to TDD principles. We use GitLab for version control to maintain connectivity and collaboration.
- I am collaborating in a project which aims to implement algorithms to bring data from multidimensional spaces to two-dimensional space without losing precision.

Additionally, I have a personal interest in machine learning and have implemented simple programs for face recognition using OpenCV and NumPy.

In conclusion, my academic and project experiences represent a continuous journey of learning and skill development. They underscore my dedication to professional excellence, showcasing my expertise, successful track record, and passion for collaborative growth, which I am eager to bring to future endeavors.

References: Available on request.