**Adonay Russom**

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**Education**

**Middlesex University** Cambridge, MA

Bachelor of Science: Software Engineering. 09/2021 - Present May 2025

Software Engineering - Advanced Diploma in Software Engineering. June 2023

Digital Marketing - Professional certificate in Digital Marketing. September 2020 – May 2021

**Relevant Coursework:** Software Development: assisted in implementing new features and improvements to existing systems, Testing and Quality Assurance, Project Support assisting in project planning, estimation, and task management, Version Control: Utilized version control systems to manage codebase, Data Structures and Algorithms. Design & Research Project: Researched and proposed innovative solutions and technologies that could enhance product performance, user experience, or development processes.

**Light International High School**  Karen, Nairobi

Salutatorian. Upper-Second Class Honors. Honors Mathematics Program.

1st place winner, Mathemania Challenge. June 2020

**Technical Skills & Projects**

**Programming:** Java, C#, SQL, PHP, Python, HTML, JavaScript, CSS.

**Design**: Wix and Figma

**Operating Systems:** Linux (Basic), Android Studio

**Sem 4 Final Project (Online Jewellery Shopping Website):** I developed a complete web-based solution for Jewellery shopping website. The motive of this Online Jewellery Shopping Web Application is to allow the user to play with the search tool and create different combinatorial search criteria to perform exhaustive search. Provided Interactive interface through which a user can interact with different areas of application easily. Implemented using a combination of HTML, CSS, JavaScript, SQL and Java.

**Sem 3 Final Project (Android APP for Rolex Watches):** Created a Rolex application that allows users to get all information regarding Rolex Watches. Inside the app will have the information of various categories and models of Watches offered by Rolex. It will consist of various categories, like Analog Watches, Digital Watches, Men’s Watches, Women’s Watches, and Couple Watches etc. Accordingly the products will be listed in the categories. Implemented using a combination of Java, SQL, XML.

**Additional Experience**

**Project (Clothing Ecommerce Store):** August 2023

Designed and implemented the website including back- end database storage system and dynamic web pages. Developed and conducted usability tests, implementing enhancements to improve user experience.

**Edulink International College**  Westlands, Nairobi

**Project (School Register GUI System):** July 2022

I successfully designed and implemented a School Register GUI System using NetBeans and Java. Utilizing NetBeans' GUI Builder, I designed an intuitive user interface for the system. This involved the strategic placement of Swing components, such as labels, text fields, and buttons, to facilitate user interaction and data input. I wrote the Java code responsible for the system's functionality. This code included event handlers for button clicks, enabling actions like adding student data to a list and displaying it. I also implemented a Student class to model individual student objects. The project was designed to be flexible and extensible. It can be easily customized and expanded upon to meet specific requirements, such as integrating with databases or adding validation logic.

**Leadership and Activities**

**MamaMia Restaurant** Nairobi, Kenya

**Assistant Manager (Intern):** September 2020 – May 2022

• I am responsible for different tasks such as restaurant marketing strategies, recruiting and hiring restaurant staff, training, overseeing food quality, developing menus, hosting guest

as well as planning events.

• Created and managed social media accounts (Facebook & Instagram), and used the particular platforms to create job campaigns and post restaurant's content to keep our audiences engaged.

• Additionally I coordinated all hiring of staff through Facebook job campaigns and organized monthly meetings and activities for the staff at MamaMia.

**Skills**

**Digital Marketing:** Project Management Skills, Social Media Management, Google Analytics, Facebook ads, Google ads.

**Languages:** English (Fluent), Swahili (Fluent).