

## MALONG MAKER DOUL

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### SUMMARY

Detail-oriented and versatile young professional with experience in Technology, Data Analytics, and Finance, demonstrating a proven ability to manage challenging situations and deliver high-quality service to clients. Currently pursuing an honors degree in Software Engineering, with expertise in developing innovative tech solutions and impactful applications, including seamless mobile interfaces with Flutter and utilizing Python for data science and machine learning. Passionate about working in organizations and companies within tech ecosystems, leading initiatives, and providing consulting services focused on climate change, wildlife conservation, marketing, and community development to foster meaningful, inclusive change rooted in diversity, innovation, and sustainability.

### EDUCATIONAL BACKGROUND

**African Leadership University**— Kigali, Rwanda

**September 2022 – August 2025**

BSE (Hons) in Software Engineering(**Low-level programming Specialization**)

**Relevant Coursework:** Foundations of computer science, Linux Programming and System Calls, Operating Systems, Programming in C and C++, Computer Architecture, Computer Networks and Protocols, Data Structures and Algorithms, Front-end Web & Infrastructure; Programming in C, Linux Programming.

**Mount Kenya University**— Nairobi, Kenya

**September 2020 – December 2025**

BA (Hons) in Business Management, Faculty of Accounting

**Relevant Coursework:** Introduction to business studies, Human resource management, Financial Accounting & management, Principles of Marketing, Business Mathematics, Organization Behavior, Statistics & Operation Research, Accounting for Liabilities, Advanced Auditing & Taxation, Quantitative Analysis, Accounting for Liabilities

### PROFESSIONAL WORK EXPERIENCE

**Chief Financial Officer(CFO)** – Juba, South Sudan

**September 2023 - Present**

**South Sudan Youth Leadership Scholars Network Program (SSYNET)**

- Financial Planning and Strategy Implementation
- Resource Optimization and Budget Management
- Risk Management and Regulatory Compliance
- Present financial reports and insights to executive leadership and the board, providing data-driven recommendations for decision-making.

**Database Management Intern**— Kakuma Refugee Camp, Kenya

**May 2024 - September 2024**

**Danish Refugee Council(DRC) (HYBRID)**

- Collected, processed, and validated data to ensure adherence to high-quality standards.
- Integrated diverse data sources, including both structured and unstructured data, to support comprehensive analysis.
- Managed data quality, aligning with business standards and requirements for accuracy and consistency.
- Assisted in designing data collection tools and improving data workflows to enhance operational efficiency.

**Research Associate Intern**— (Remote)

**January 2023 - May 2023**

**GreenPesa – Michigan, United States**

- Collected, analyzed, and reported data to support research objectives and ensure data-driven insights.

- Coordinated effectively with research partners and vendors to facilitate seamless collaboration and project progression.
- Assisted in disseminating project results through policy briefs, white papers, reports, and presentations at conferences.
- Contributed to the preparation of peer-reviewed publications, enhancing the visibility and impact of project outcomes.

**Data Analyst – Eldoret, Kenya**  
**Konnnect Africa**

**August 2023 - March 2024**

- Conducted comprehensive data analysis to support key business decisions, ensuring accuracy and actionable insights.
- Managed and coordinated data-driven projects, ensuring timely execution and alignment with strategic goals.
- Prepared and presented detailed reports, summarizing findings and recommendations for stakeholders at all levels.
- Collaborated with cross-functional teams to develop data models, optimize processes, and drive operational improvements.

**Youth Advocate – Eldoret, Kenya**  
**Department of Refugee Affairs**

**May 2019 - August 2022**

- Supported the roll-out of youth-focused projects, including the Youth Initiative Fund across Nairobi, Eldoret, and Nakuru.
- Submitted monthly activity reports, which informed the "Youth Snapshot Report" produced at the Nairobi level.
- Engaged with youth groups to promote program initiatives and encourage community involvement.
- Collaborated with stakeholders to identify needs and recommend new initiatives for youth development.

## **PROFESSIONAL DEVELOPMENT**

### **Fellowships/ Summits/Conferences and Certifications**

- Introduction to Cybersecurity – Completed introductory course on cybersecurity fundamentals with CISCO.
- ISC2 Certification – Obtained certification, showcasing a commitment to cybersecurity standards and best practices.
- Fullstack Development Program – Completed intensive full-stack development training offered by ALEX.
- Business Conservation Conference – Participated in the 2023 Business Conservation Conference, hosted by the ALU School of Wildlife Conservation.
- Hackathon at Kenyatta University of Science and Technology – Participated in a blockchain and large language model-focused hackathon in partnership with Kenya Airport Parking Services (November 2023).
- Moringa School Hackathon – Competed in a hackathon hosted by Moringa School (August 2024).
- AI for Accessibility Session by Carnegie Mellon University – Attended a specialized session on AI applications to support individuals with disabilities.

## EXTRACURRICULAR ACTIVITIES

**Coordinator**— Kigali, Rwanda

**February 2023 - Present**

### **Disability Inclusion Association in African Leadership University & African Leadership College (ALU/ALC)**

- To foster a culture of community, diversity and inclusion, and support students and staff to address issues and opportunities of equity that impact student learning.

### **Developer, HoneyHive Digital Platform**

- Developed a user-friendly platform dedicated to exceptional customer service and high-quality products, making the discovery and purchase of honey a seamless and enjoyable experience.

### **Developer, Anyoop Wildlife System's Monitor App**

Created a user-friendly AI-powered website and app to monitor wildlife activities and provide real-time data, contributing to wildlife conservation efforts.

### **Academic and GCGCO's Mission Statement Focus**

- Focused on **SDG 13** (Climate Action) through innovative solutions addressing **climate change, wildlife conservation, biodiversity, and agricultural degradation** by leveraging technology to promote sustainable practices and mitigate environmental challenges.

## SKILLS

- Data Analytics & Management
- Strategic Planning & Tech Skills
- Project Management

## INTERESTS

- Nature; Wildlife Conservation
- Modern Technology
- Regional Development

## LANGUAGES

- Arabic - Native
- English - Expert
- Kiswahili - Expert
- French - Beginner