

# Saja Mamoon Abdelrahman Ahmed

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## Medical Graduate | Aspiring Health Technologist

### SUMMARY

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Medical graduate with a strong passion for integrating healthcare with emerging technologies. Actively developing technical skills in Python and data visualization, with hands-on experience using libraries such as Pandas and Matplotlib. Currently enrolled in online courses in supervised machine learning to build a foundation in biomedical data science. Enthusiastic, ambitious, and self-motivated learner aiming to pursue a master's degree in Biomedical Engineering, Medical Technology, or Health Informatics. Also brings a creative edge through experience in graphic design and visual communication.

### EDUCATION

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**Omdurman Islamic University** - Omdurman, Khartoum, Sudan

**MBBS - Bachelor of Medicine, Bachelor of Surgery**

Graduated: March 2022

### TECHNICAL SKILLS

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- **Programming Languages:** Python, JavaScript (basic)
- **Data Tools & Libraries:** Pandas, NumPy, Matplotlib (basic data manipulation & visualization)
- **Design & Visualization:** Adobe Photoshop, Adobe Illustrator, Microsoft PowerPoint
- **Development Tools:** Visual Studio Code

### COURSES AND CERTIFICATIONS

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#### **Supervised Machine Learning: Regression and Classification**

*DeepLearning.AI, Coursera* — In Progress

- Building machine learning models in Python using popular libraries such as NumPy and scikit-learn
- Training supervised ML models for prediction and binary classification tasks, including linear regression and logistic regression

#### **Fundamentals of Machine Learning for Healthcare**

*Stanford University* — In Progress

- Exploring machine learning techniques applied to clinical data and predictive modeling in healthcare settings

## **Where, Why, and How of Lambda Functions in Python**

*Coursera Project Network* — Completed April 2025

- Applied lambda functions for data manipulation and exploration in Python
- Gained hands-on practice in sorting and list operations using lambda expressions

## **Python Programming**

*CAL College of Computing, Art and Technology* — Completed March 2025 (*Certificate pending*)

- Learned Python basics, including variables, loops, functions, and simple data structures
- Covered object-oriented programming (OOP) concepts and file handling
- Explored popular libraries: Pandas for data analysis, NumPy for numerical computations, and Matplotlib for data visualization

## **Foundations of User Experience (UX) Design**

*Google/Coursera* — Completed December 2023

- Studied UX principles, user research, wireframing, and prototyping
- Developed an understanding of user-centered design practices for digital products

## **WORK EXPERIENCE**

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### **Read Foundation - Sudan**

11/2023 - PRESENT

#### **Media and Marketing Director** (*Remote*)

- Led design of communication materials for healthcare and education projects
- Developed posters, billboards, and digital assets for ASWAN University and Hospital webinars
- Created structured clinical communication forms (ISBAR and NEWS protocols) using PowerPoint
- Collaborated remotely with medical professionals and academic partners

## **LANGUAGE COMPETENCIES**

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- Arabic – Native
- English – Proficient (IELTS Overall Band: 7.0)