



# Mohamed Elfadil

I am a Software Engineer, recognized by my peers for my leadership and resourcefulness. A communicative and encouraging team player who presents ideas effectively and is able to assist others. With a strong passion for Software development, Data Science, and teaching. I am currently on working on building an AirBnb clone Stack.

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## Work Experience

### • Business Intelligence Analyst @ eFleet Management Co. Ltd.

(June '22 – April '23)

- Developed software solutions to Vehicle Routing Problem and was in charge of all routing projects.
- Established long-term and value-added relationships with assigned business partners.
- Operationalized business intelligence solutions to meet business goals. Presented and communicated the findings in an understandable and actionable way tailored to the customer's needs.
- Managed data pipelines and implemented changes to streamline the daily tasks.
- Collaborated with team members for the purpose of collecting data and executing the company's mission.
- Generated ad-hoc reports and dashboards.

### • Development of a Performance Monitoring Dashboard for Halan Co. Ltd. Sudan

(Jan '22 - Mar '22)

- Worked with the key stakeholders of the organization, identified KPIs to track to offer the organization a competitive advantage through data driven decision making.
- Utilized SQL and Python to extract, transform, and load the data. Analysed and visualized using Python to be displayed on the dashboard.
- Built a web application linking the dashboard and data entry to the database to improve the performance of the data entry process and ensure data integrity.
- Trained a Lasso Regression Machine Learning algorithm that forecasts the organization's weekly target.
- The system provides the stakeholders with multilevel access according to their roles in the organization and security clearance, as well as interactive visualizations, and real-time reports on demand.

### • Internship at International Research and Development Center @ Future University

(Feb '21- Sept '21)

- Developed a QR-code based inventory management Flutter application for staff and students to track the resources available and any changes made.
- Assisted head of IRDC in training staff and members of the development team on Python through lectures and workshops.

## Software

Python • C • Bash • Linux • Windows • Jupyter • Pandas • Scikit-learn • Plotly • SQL • HTML • Flask • Java Script • Flutter • Android • Java • Microsoft Office 365

## Languages

English (Native) • Arabic (Native)

## Skills

- Data Analysis
- Trend Identification
- Visualization of Insights
- Database Design and Management
- Software Development and Computer Programming
- Teaching - Introduction to Data Analysis with Python

## Interests and Hobbies

Data Science and Analytics • Machine Learning and Deep Learning • Software Development • Teaching • Engineering • Nature • Travel • Video Games

## Education

### B.S. in Computer Science

Future University - Khartoum, Sudan

('17 – '22)

CGPA – 3.69

## Professional Certificates

### Data Science Orientation



### Tools for Data Science



### Intro to Machine Learning

Issued by Kaggle



### Data Science Methodology



### Python for Data Science and AI



### Python

Issued by Kaggle

