



# Mohamed Elfadil

I am a Computer Science graduate, 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 Data Science, Software development, and teaching.

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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 • 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

