

# ALMUSTAFA ABDULGADIR MUHAMMADHASSAN NOUREDDIN

PHONE: +249993548155  
WEBSITE: <https://almustafa.herokuapp.com>  
EMAIL: [almustafanouredin@gmail.com](mailto:almustafanouredin@gmail.com)  
GITHUB: <https://github.com/almustafa-nouredin>

## SUMMARY

Aspiring data engineer with a strong passion for designing, creating and managing large databases  
Interested in helping companies implement better data pipelines and data warehousing.  
Hoping to gain experiences in the area of **data engineering**, **big data** and **analytics**.

## SKILLS

PROGRAMMING	Python ( pandas, numpy, matplotlib, BeautifulSoup, Selenium ), SQL ( mysql, postgresql ), C language, R language .
DATA ANALYSIS	Excel, Tableau.
DATA ENGINEERING	Data Modeling, Data Warehousing, ETL & ELT.
WEB DEVELOPMENT	Django, APIs (Django, FastAPI), HTML, CSS and Javascript.
TOOLS	Git, Docker.

## PROJECTS

GRADUATION PROJECT	"Chatbot for answering COVID-19 FAQs in modern standard arabic" Graded: A •Applied different data science skills like: data collection, data preprocessing, feature extraction •applied nine different NLP models to compare their performance, •Source-code: <a href="https://github.com/almustafa-nouredin/Graduation-project-Arabic-chatbot">https://github.com/almustafa-nouredin/Graduation-project-Arabic-chatbot</a>
DJANGO APPLICATION	Database design and application for <b>Khartoum International Institute for Arabic Language (KIIAL)</b> 's research papers •Performed process on a list of KIIAL's papers from 1976 to 2020 totaling 2500 papers, rearranging it into production ready database using <b>MS Excel</b> , <b>postgresql</b> and <b>python(pandas)</b> for data cleaning •Developed django application that allows CRUD operations with authentication •Source code: <a href="https://github.com/almustafa-nouredin/Database-design-kiial.org-papers">https://github.com/almustafa-nouredin/Database-design-kiial.org-papers</a>
WEB SCRAPING	Extracting novel chapters from <a href="https://lightnovels.me/">https://lightnovels.me/</a> •Created a web scraper using python's <b>beautifulsoup</b> •Source code: <a href="https://github.com/almustafa-nouredin/Web-Scraping-project">https://github.com/almustafa-nouredin/Web-Scraping-project</a>
DATA ANALYSIS	Developing SQL queries to analyse dataset from ecommerce site OLIST <a href="https://www.kaggle.com/olistbr/brazilian-ecommerce">https://www.kaggle.com/olistbr/brazilian-ecommerce</a> •Source code: <a href="https://github.com/almustafa-nouredin/Kaggle-E-Commerce-Dataset-by-Olist">https://github.com/almustafa-nouredin/Kaggle-E-Commerce-Dataset-by-Olist</a>

## EDUCATION

2014 - 2021	<b>Bachelor of Engineering (Honours) in Electronics Engineering (Computer and Networks)</b> from Sudan University Of Science and Technology <b>Modules include:</b> C programming language, Data structures and algorithms, software engineering, Artificial intelligence, Distributed systems, Object oriented programming
-------------	--