Ahmed Ousama

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LinkedIn | GitHub | Portfolio

EDUCATION

Bachelor of Applied Science (B.A. sc.) - Applied Geophysics.
Ain Shams University, Cairo
Oct 2016 - May 2020

EXPERIENCE

Deep Learning & Geology Specialist
TeacherOn.com
Jan 2020 - Jan 2021 (12 months)

Data Team Leader
Egyptian armed forces
Jun 2019 - Dec 2019 (11 months)

Summer training internship
Smart Company for concrete industry
Jan 2020 (2 weeks)

Summer training internship
El-Helaly Group for geophysical studies
Nov 2019 (2 months)

Summer training internship
Western Bakr Petroleum Company
June 2019 (1 month)

Summer training internship
General Petroleum Company
July 2019 (1 month)

Frontend Developer
Freelancer.com
Jan 2018 - Nov 2018 (11 months)

Mechanical Engineer assistant
A.L. GROUP
May 2016 - Oct 2016 (6 months)

LICENSES & CERTIFICATIONS

Geographic information system
University of California, Davis| Coursera

Seismic tomography: look inside the Earth
Novosibirsk State University| Coursera

Introduction to Drilling
Oil & Gas accreditation program | Learn to drill

Data Analysis Professional Nanodegree Program

Udacity | EGFWD

Certified Data Scientist
DataCamp

Microsoft Azure Data Scientist Associate
Microsoft | Coursera

IBM Data Science Professional Certificate
IBM | Coursera

Practical Data Science Specialization
Deeplearning.AI & AWS | Coursera

Data science challenge track
Udacity | egFWD

TensorFlow: Data and Deployment specialization
Deeplearninig.AI | Coursera

Deep Learning Specialization
Deeplearning.AI.org | Coursera

TensorFlow developer professional certificate
TensorFlow certificate program | Coursera

Certified Data Analyst
DataCamp

IBM Data Analyst Professional Certificate
IBM | Coursera

Google Data Analytics certificate
Google| Coursera

Product Analytics Micro-Certification (PAC)™
Product school

Introduction to Data Visualization with Plotly in Python
DataCamp

Building Dashboards with Dash and Plotly
DataCamp

Strategic planning
HP LIFE

Effective Leadership
HP LIFE

Courses

AWS Certified Data Analytics Courses and Exam redlines - Specialty Amazon
Web Services (AWS)

Deploying a Hadoop Cluster
Udacity

Spark
Udacity

Machine learning crash course
Google Developers

Data Analysis with R
Udacity

Projects

Formation Evaluation | North Abu-Quier field, Egypt.
Ain Shams University

Simulated Petroleum company project | North-sea field, United Kingdom.
SPE

Engineering Geology | The new administrative capital, Egypt.
El-Helaly Group for geotechnical and geophysical studies.

Well-Logging | Logger predictor. (Working on it).
Personal project.

Lithology | Lithology Predictor. (Working on it).
Personal project.

Seismic Processing | Seismic AI Processor. (Working on it).
Personal project.

Twitter sentiment Analysis- Movie's review
Natural Language Processing

Real-time video projects
Several computer vision projects for traffic and security systems.

Census case study using SQLALchemy
Relational databases management- DataCamp.

Investigating Netflix Movies and Guest Stars in The Office
Data manipulation and visualization and statics concepts with marketing recommendations.

The Android App Market on Google Play
Load, clean, and visualize Google Store data to gain insights into the Android app market

The GitHub History of the Scala Language
Find the true Scala experts by exploring its development history in Git and GitHub.

A Visual History of Nobel Prize Winners
Explore a dataset from Kaggle containing a century's worth of Nobel Laureates.

Dr. Semmelweis and the Discovery of Handwashing
Reanalyze the data behind one of the most important discoveries of modern medicine: handwashing.

Predicting Credit Card Approvals
Build a machine learning model to predict if a credit card application will get approved.

CoinGeckoAPI Visualizing
Using REST, Pandas, CoinGecko APIs, and cryptocurrency to display and visualize the movements of the price of a currency using candlesticks.

Watson speech and translator
Using Watson Language Translator and Speech to Text services to transcript audio and translate the script to Spanish.

Covid-19 Dashboard
Using Power BI to build a dashboard and test the hypothesis of whether vaccines work well against covid cases or not.

SKILLS

• Python • Java • SQL • Web Design • Machine Learning • R • Critical Thinking • Communication • Statistical Data Analysis • Probability • Version control • Reporting and Reports • Quality Assurance • Verbal Communication Skills • Communication • Integrity • Teamwork

Honors & Awards

SEG field camp - SEG
Sep 2020
Attendance of the first field camp in the MENA region

SPE National competition for Petroleum society
Jan 2020
Second place winner of the National SPE Competition.

VOLUNTEER

Delegate & Team leader
Oct 2019 - Sep 2019
United Nations model, Ain-Shams University

ACC active Member
2018 - 2019
American cultural center, United States Embassy, Egypt

Co-founder
2018 - 2019
ADSL Family, Ain-Shams University, Egypt.

President & Founder
2018 - Present
Anticancer Activity, Ain-Shams University, Egypt.

Language

English
Advanced
Arabic
Native