WORK EXPERIENCE

(24 Jan 2023 - Now) Development Engineer in Machine Learning (ML) & Programs Consultant at Ogoul Technology.

- Improve Translation(en-ar from 11 to 63 Bleu)
- Improve violence image classification (94 to 98)
- Improve violence video classification(0.48 to 0.94 safe Recall, 0.82 to 0.98 violent Recall)

(Aug – Jan 2023) Microsoft Internship:

• New Innovative general and practical solution for "Automating novel terms and usage detection in Egyptian Arabic.". Mainly, to enhance translation

(may 2018 - Jan 2023) Freelancer:

- (Dec Jan 2022) Online Farming Website [link]: Keywords: (Firebase, ReactJS, WordPress, AWS Amplify hosting)
- (Oct Dec 2021) Online Farming App [link]: Keywords: (Firebase, Flutter)
- (may 2018 2019) Restaurant Cashier [link]: Keywords: (Java, JDBC, Hibernate, SQL, MySql, JasperReports,

ACTIVITIES

- (May 2020 June 2021) Military service
- (Oct 2019) NASA Space Apps Cairo [link]. Certificate of appreciation.
- (Sep 2019) IBM Digital Nation [link]. Acclaimed with 24 badges from IBM [link].

Video for our project Trash-Money [link].

• (Apr - 2017) Techsolve17- SCCI workshop [link]: Keywords: (Arduino, Sensors, Soft Skills)

TECHNICAL SKILLS

Machine Learning, Deep Learning, NLP, Computer Vision, Python, Java, Scikit-Learn, Tensorflow, Keras, Pytorch, Visualization, SQL, Hadoop, Big Data, Apache Spark, IBM SPSS Modeler.

SOFT SKILLS

• (Feb - May 2023) Dale Carnegie

Communication, Leadership, Becoming a trusted advisor, Presentation, Business Acumen, Strategic Planning, Team Building.

CONTACTS



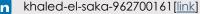
+20 114 882 7429



Giza, Egypt



khaled.elsaka25@gmail.com [link]





Sa2a [link]

kaggle khaledelsaka [link]

KHALED EL-SAKA

EDUCATION

Master of Electrical and Computer Engineering – Ottawa University:

May 2022 - Jan 2023

Major: Al and Data Science.

Projects:

• Chinese sign language Image Classification [link]:

Keywords: (Image processing, Feature Engineering, ResNet, Zernike Moments, Data Augmentation)

• Static Vs Dynamic model, Cybersecurity attack detection [link]: Keywords: (Preprocessing, Analysis, Feature Selection, Modeling, Kafka, Docker, Static Vs

Dynamic Model)

• Healthcare Chat Bot [link]:

Keywords: (Preprocessing, DialogFlow, NLP, Classification, Clustering, Weighted Association Rules, Evaluation, Error analysis)

• Bitcoin price prediction using Sentiment Analysis [link]:

Keywords: (Data collection and preprocessing, Sentiment Analysis, Ml, LSTM, Evaluation, Error analysis)

Fake task detection [link]:

Keywords: (CGAN, RF, AdaBoost)

• Intrusion Detection [link]:

Keywords: (Dimensionality reduction vs Feature selection, Deep Neural Network, Tuning, Flow Chart, TSNE Visualization)

• Sentiment Analysis for Arabic tweets [link]:

Keywords: (Data preprocessing, BERT, araBERT, Fasttext, araXLENT)

Faculty of Computers and Artificial Intelligence – Cairo University:

2015 - July 2019 GPA: 3.15 (very good with honor).

Major: Computer Science. Minor: Information System.

Graduation project: School bus-tracking system [link].

Keywords: (Android, ReactJS, Google Maps API, Firebase, NodeJs, Express, Socket I.O., TypeORM, MySql)

PROFESSIONAL TRAINING

(Feb 2022–Jan 2023) Digital Egypt Builders Initiative (DEBI):

- (Feb May) Berlitz (level 1 to 4).
- (Feb May) Dale Carnegie.
- (Apr May) IBM Big Data [link].
- (Mar Apr) IBM Predictive Analytics Modeler [link].
- (Feb Mar) Huawei HCIA-Al v3 [link].

OTHER COURSES AND CERTIFICATES

- (Nov 2021) Python Programmer Bootcamp, 365 Data Science [link].
- (Nov 2021) Introduction to Data and Data Science [link].
- (Nov 2021) Getting started with Java, Amegoscode [link].
- (Nov 2021) Getting started with Spring Boot, Amegoscode [link].
- (Nov 2021) Java (Basics) assessment, HakerRank [link].
- (Nov 2021) Git and Github Essentials, Amegoscode [link].
- (Oct 2021) Introduction to Linear Algebra, 365 Data Science [link].
- (Oct 2021) Statistics, 365 Data Science [link].
- (Oct 2021) Introduction to Jupyter, 365 Data Science [link].