

Khaled Mohammed El-Saka

Summary:

A 26 years old master's student at the University of Ottawa majoring in AI and Data Science. AI is what I'm passionate about, it has no limits for creativity and innovation and always there is more of what we can do. Just look at the beauty of their applications and the potential of what they can deliver in the future.

I like non-trivial and challenging work that develops me and makes me smarter. Interested in making things intelligent.

Education:

- 1) (2015 – 2019) Faculty of Computers and Artificial Intelligence - Cairo University.

Major: Computer Science.

Minor: Information System.

- Graduation project:

[School bus-tracking system](#) (Web, Android, Node Js.).

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

- 2) (Feb 2022 – May 2022) Digital Egypt Builders Initiative (DEBI).

- 3) (May 2022 – Feb 2023) Master of Engineering Electrical and Computer Engineering- Ottawa University.

Major: Artificial Intelligence and Data Science.

AI Related Projects:

- Healthcare chatbot:

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

- Bitcoin price prediction using Sentiment Analysis:

(Data collection and preprocessing, Sentiment Analysis, ML, LSTM, Evaluation, Error analysis)

- Fake task detection:

(CGAN, RF, AdaBoost)

- Intrusion Detection:

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

- Sentiment Analysis for Arabic tweets:

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

Current and Future Projects:

- Novel terms and usage detection in Egyptian dialect (Graduation project).
- AI for Cyber-security.
- Cloud Analytics.
- Computer Vision.

Courses:

- (Feb – Mar 2022) Huawei HCIA-AI v3.
- (Mar – Apr 2022) IBM Predictive Analytics Modeler.
- (Apr – May 2022) IBM Big Data.
- (Feb – May 2022) Berlitz (English)
- (Feb – May 2022) DaleCarnegie (Soft Skills)



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Egypt, Giza

kaggle



Other Certificates:

- (Oct – 2021) Mathematics (Introduction to Linear Algebra):
365 Data Science [See Certificate.](#)
- (Oct – 2021) Statistics:
365 Data Science [See Certificate.](#)
- (Oct – 2021) Introduction to Jupyter:
365 Data Science [See Certificate.](#)
- (Nov – 2021) Python Programmer bootcamp:
365 Data Science [See Certificate.](#)
- (Nov – 2021) Introduction to Data and Data Science:
365 Data Science [See Certificate.](#)
- (Nov – 2021) Getting started with Java:
Amegoscode [See Certificate.](#)
- (Nov – 2021) Getting started with Spring boot:
Amegoscode [See Certificate.](#)
- (Nov – 2021) Git and Github Essentials:
Amegoscode [See Certificate.](#)
- (Nov – 2021) Java(Basics) assessment:
HakerRank [See Certificate.](#)

Activities:

- (Apr – 2017) Techsolve17- SCCI workshop:
(Arduino, Sensors, Soft Skills)
- (Sep – 2019) IBM Digital - Nation Competition:
[Acclaimed with 18 badges from IBM.](#)
[Video for our project Trash-Money.](#)
- (Oct – 2019) NASA Space Apps Cairo (hackathon) :
[Certificate of appreciation.](#)
- (May 2020 – June 2021) Military service:
[End-of-service certificate](#)

Freelancing Projects:

- (Summer 2018 - 2019) Restaurant Cashier:
A desktop App. That is suitable for all kinds of restaurants. ([Screenshots](#))
(Java, JDBC, Hibernate, SQL, MySql, JasperReports, Trello)
- (Oct – Nov 2021) Online Farming [App](#):
Ecommerce app for online agriculture shop. ([Screenshots](#))
(Firebase, Flutter)
- (Dec – Jan 2022) Online Farming [Website](#):
(Firebase, ReactJS, WordPress, AWS Amplify hosting)



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