

Youmna Alsayed

EDUCATION

[Master's student AI at Digital Egypt Builders initiative-
Queen's University, Canada]

[Nov-2021] – [Oct-2022]

[Bachelor degree of computer science at Faculty
Computers and Artificial Intelligence at Benha University,
Egypt]

[Sep-2017] – [Jul-2021]

Grade: very good.

PROJECTS DURING THE MASTERS

- **Graduation project (Jul 2022 – Oct 2022)**
Recommendation System that aims to build a movie recommendation mechanism.
- **Full Data Analysis Project using Python & Power BI** 🔗
- **DS Salary Dashboard** .🔗
- **Flappy Bird reinforcement learning:** Control the movement of the bird to avoid any obstructs in the environment using Deep Q-Learning algorithm. 🔗
- **Question-Answering-Project:** A question-answering system for the medical field, is used to predict the judgment score for question pairs, and predict the question type. 🔗
- **Applying CNN architectures on Fashion-MNIST dataset:** Using LeNet5 model. With applying transfer learning by ResNet & VGG16 models. 🔗
- **Fake Reddit prediction:** Get the predicted probability of whether the new record (news title) is fake or not fake.
- **Speed dating prediction:** Know the predicted probability of two records whether will be matched or not.
- **Wish.com product rating prediction:** Get the predicted rating for products on wish.com.
- **Leaf Classification:** Using a Neural Network Architecture by tuning different parameters. 🔗

CONTACT

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📍 Cairo, Egypt



TECHNICAL SKILLS

- **Business Intelligence:** Power BI, Excell, jupyter notebook.
- **Databases development & Data Warehouse:** SQL, Kafka, Spark, data warehousing model like Star schema and Snowflake.
- **Technical development:** Python, MATLAB
- **AI development & Machine learning:** SKLearn, TensorFlow, Keras, PyTorch, NLTK, OpenCV, NLP, CV
- **Data Analysis & modelling:** Excel, Pandas, NumPy, Seaborn, Matplotlib
- **Big data:** Hadoop, Pig, Hive, Hbase, Scala, Spark SQL
- **Web development:** HTML & HTML 5, CSS & CSS 3, Bootstrap 4, JAVASCRIPT
- **Desktop development:** C++, Java
- **Object-oriented programming (OOP)(C++)**
- **Data Structure (C++)**
- **Google services:** Colab
- **Source control:** Git

PERSONAL SKILLS

- Team work.
- Creativity.
- Self-confidence.
- Committed to learn.
- Work under high pressure.
- Time Management.
- Presentation skills.
- Problem-solving.
- Leadership skills – public speaking skills (presentation skills) – communication skills (**Dale Carnegie certified**)

VOLUNTEERING

- Referee, VEX Egypt.
- HR, IEEE Egypt.
- PR, ACPC Club.
- Speaker, Hour of code (Event).
- Instructor [front end] web developer, IEEE Egypt.

LANGUAGES

- Arabic (Mother Tongue)
- English (Intermediate-**Berlitz certified**)
- French (Basic)

PROJECTS DURING THE BACHELOR

- **Graduation project (Grade: A)**
College scheduling for organize the conflicts that happens with the lectures' slots, and sections' slots.🔗
- **STAK** [HTML & CSS].
- **VANILLA** [Bootstrap & Responsive].
- **VENDOR** [Responsive].
- **TEAM1**.
- **STRIP** [Responsive].

CERTIFICATIONS

- **Associate-Data Science Version 2.0 (Dell technologies) Certificate.**
- **Buiseness Intelligence Analyst (IBM) Certificate.**
- **HCIA-AI (Huawie) Certificate**
- **Data, ML, AI (Google) Certificate.**
- **Artificial Intelligence Intro (IBM) Certificate.**
- **HCIA-Cloud Computing (Huawei) Certificate**
- **HCSA-Intelligent Collaboration (Huawei) Certificate**
- **HCSA-IP Network (Huawei) Certificate**
- **HCSA-Sales-Intelligent Collaboration (Huawei) Certificate**
- **HCSA-Sales-IP Network (Huawei) Certificate**
- **Storage-Huawei (Huawei) Certificate**
- **Front end developer (Udacity) Certificate.**
- **ACPC (Arab Academy) Certificate.**
- **Network Track (Huawei) Certificate.**
- **Infrastructure (Google) Certificate.**
- **Quantum Computing Intro (IBM) Certificate.**
- **Blockchain Intro (IBM) Certificate.**
- **Cloud Intro (IBM) Certificate.**
- **VEX IQ Certificate.**
- **Cybersecurity Intro (IBM) Certificate.**
- **Data Science & Analytics Intro (IBM) Certificate.**
- **Identify Potential Repeat Customers for Your Business (IBM) Certificate.**
- **Internet of Things Intro (IBM) Certificate.**
- **Predict Using IBM Watson Studio (IBM) Certificate.**

