

# Kerollos Wageeh

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## Education

### AIN SHAMS UNIVERSITY, FACULTY OF ENGINEERING ICHEP

2019-2024

Senior-2 bachelor undergraduate.

Bachelor of computer engineering and software systems, Data Science Concentration. (**GPA: 3.73**)

Certificate of Academic Excellence

### THE REDSEA STEM SCHOOL

2016-2019

High School Diploma, **GPA: 3.9**

Graduation Project: IoT sewage treatment and irrigation system.

## Certifications

### DEEP LEARNING SPECIALIZATION offered by deeplearning.ai on the Coursera

May 2023

- Gain a comprehensive understanding of deep learning concepts, including neural networks, gradient descent, and backpropagation algorithms.
- Explore advanced topics such as convolutional neural networks (CNNs) for computer vision, recurrent neural networks (RNNs) for sequence modeling, and their applications in NLP and speech recognition.
- Demonstrate the ability to build complete deep learning applications and solve real-world challenges in areas like computer vision and natural language processing in assignments.

### IBM DATA ANALYTICS PROFESSIONAL CERTIFICATE

April 2022

- Learn and apply data cleaning, organization and integration for analysis using spreadsheets, SQL.
- Use python to visualize and analyze data for data science.

### RUSSIAN COMPUTER CENTER

#### Online Android Development with Java Booster

July 2020 – Oct 2020

- Learnt and apply Java programming language for Android.
- Build some Android applications some are monetizing, as e-commerce, up-to-date newspaper, text chatting.

## Experience

### TECHNOCOLABS

Remote

#### Team Lead

Jul 2023 – Sep 2023

- Promoted to Team Lead, overseeing a data science project to predict company bankruptcies.
- Performed data preprocessing, EDA, and feature engineering using PCA to select critical features.
- Employed a variety of machine learning models, selecting the top-performing one that achieved the highest accuracy.
- Successfully deployed the selected model on an Amazon EC2 instance.

### ASUFE CPC

Cairo, Egypt

#### Instructor

Sep 2021 – present

- Teach problem solving at Ain Shams University faculty of Engineering as a student activity.
- Prepare trainees for participating in ECPC.
- Make contributions to creating problem solving questions on Codeforces and other sites.

## Awards

- ACM ACPC: Qualified to ACPC Nov 2023
- ACM ECPC: 18<sup>th</sup> place Aug 2023
- ACM ACPC: 34<sup>th</sup> place Dec 2022
- ACM ECPC: 31<sup>st</sup> place Aug 2022
- ACM ECPC Qualifications: Ain Shams University Faculty of Engineering 2<sup>nd</sup> place Aug 2022
- ACM ECPC Qualifications: Ain Shams University Faculty of Engineering 4<sup>th</sup> place Aug 2021

## Trainings

### SPRINTS AI

Remote

#### Data Science Trainee

Aug 2022 – Sep 2022

- Learnt about the data analytics lifecycle in addition to time series analysis Auto Regressive models.
- Visualized data using python libraries to deduce new information and insights from given data. Decomposed time series charts into its components using mathematical and coding methods.

### SPRINTS AI

Remote

#### Front-End Development Trainee

Aug 2021 – Sep 2021

- Built e-commerce, reminder web applications using Angular12 structure and logic.
- Learnt and practiced building Front-End web applications with the aid of Firebase.

## **Skills**

**Technical:** C++

Java

Python

SQL

- Data analysis and visualization using Microsoft Excel, Python, Tableau, SQL, Power BI.
- Frontend development using Angular, Django.
- Android development using Java.

**Languages:** English (fluent), Arabic (native)