

Alaa Farouk

Computer Science Fresh Graduate

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[Linkedin](#) | [GitHub](#) | [ICPC ID](#) | [Acclaim](#) | [Hacker Rank](#) | [CodeForces](#)

Summary

I'm a computer science fresh graduate who is interested in Software Development and looking forward to having a great job in this field, where I can be an added value, grow my experience, and curious to learn more about my field.

Experiences

Artificial Intelligence Analyst 2020-Virtual Training , IBM Sep, 2020 - Oct, 2020

- Learned how to apply machine learning algorithms and build AI solutions by using IBM Watson.
 - [Artificial Intelligence Analyst 2020 - Explorer Award](#)
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Education

Bachelor's Degree at Faculty Of Computers and Artificial Intelligence, Cairo University.

Jul, 2017- Aug, 2021

- Major: Computer Science Minor: Decision Support.
 - Grade: Very Good.
 - A+ in Graduation Project (Nutrients Tracker Application is a smart camera app that uses deep learning to track nutrition from scanned food images).
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Problem Solving Experiences

- Participated in the ECPC '2021 Egyptian Collegiate Programming Contest, Alex.
 - Solved over 200 Problems on various online judges.
 - Got Problem Solving (Basic) Certificate on HackerRank.
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Technical Skills

- C++ , Java , Python , HTML , CSS , JS , PHP.
- Databases [MySQL, SQLite].
- Spring Boot Framework.
- Tools (GitHub, Android Studio, Labellmg, IntelliJ, Eclipse, Spyder3[anaconda], Codeblocks, Microsoft Office [Word, Excel Sheets , Power Point]).

Conceptual knowledge

- Object-Oriented Programming.
- Algorithms.
- Data Structure.
- Machine Learning.
- SOLID Principles..

SoftSkills

- Communication Skills - Fast Learner - Team Work.

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Sample Projects

- **Nutrients Tracker Application** ([Android Studio/Java/Sqlite/Computer Vision/Deep learning/Tensorflow Lite/labelling](#)) Oct, 2020 - Jul, 2021
a smart camera app that uses deep learning to track nutrition from food images. This App is a promising tool for the real-time identification of food and for providing nutrition guidance. The app must provide with important nutrition-related information (e.g., calories) for each food component detected by YOLOV3 model.
[Project's github link](#)
 - **AutoFill** ([Python/NLTK/NLP/Arabic-corpus/N-grams](#)) May, 2021- May, 2021
Search Autofill project using n-gram model and Arabic corpus.
[Project's github link](#)
 - **Movie Reviews**([Python/NLP/Word2Vec/WorkEmbedding](#)) May, 2021- May, 2021
practice how to perform text classification using a machine learning classification model and combinations of word embeddings for sentence embeddings as a feature vector.
[Project's github link](#)
 - **Online Store Platform**([Spring Boot/Java/MySql/HTML](#)) Apr, 2020 - May, 2020
an api for an online store that will help developers create online stores easily by using the functionalities inside the api.
[Project's github link](#)
 - **Search Engine Helper**([C/Parallel Processing](#)) Apr, 2020 - Apr, 2020
a parallel program to search a given corpus and return the most relevant search results. You are given a corpus called Aristo Mini Corpus.
[Project's github link](#)
 - **Hospital Management System**([PHP/MySql/CSS/JS](#)) Apr, 2019 - May, 2019
[Project's github link](#)
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Languages

- Arabic
- English