EHAB MOHAMED ELSAYED TERRA

DATA SCIENTIST AND SENIOR SOFTWARE DEVELOPER

I have more than 12 years of experience in software development. I have published research papers in the field of text clustering and feature selection most of code was written in R language, as a part of MS.c. degree in Computer Science. I have also involved in the full-stack development of web applications using C#, NodeJs and Golang,...etc for the back-end and Angular, VueJS and ReactJs for the front-end.

CONTACT

Born 1984

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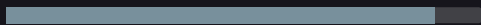
SKILLS

Golang

Elasticsearch and Kibana

HTML, CSS3 and JavaScript

NodeJs and TypeScript

R language

Python, FastAPI, BS4

Numpy, Pandas, Matplotlib, Scikit-learn

PUBLICATION

Terra, Ehab, Ammar Mohammed, and Hesham A. Hefny. "GloSOPHIA: An Enhanced Textual Based clustering Approach by Word Embeddings." In International Conference on Advanced Intelligent Systems and Informatics, pp. 700-710. Springer, Cham, 2019.

Terra, Ehab, Ammar Mohammed, and Hesham A. Hefny. "An Approach for Textual Based Clustering Using Word Embedding." in Machine Learning and Big Data Analytics Paradigms: Analysis, Applications and Challenges, pp. 261-280. Springer, Cham, 2021.

EXPERIENCE

Senior Developer - Freelancing
Since April 2020

Using ReactJs, Golang, GraphQL and Postgesql to build cost control, and using Elasticsearch for insight and reporting website, added custom feature to the backend (Golang) of Syncthing. Also, involved in other projects using C#, Angular 8, NodeJS, Typescript and ElectronJS.

Senior Software Developer - Ignite (Remote – Netherlands)
October 2016 - December 2019

Build new features and maintenance websites, services and tools for job vacancies websites in Netherlands and other countries.

Senior Software Developer - Comex
October 2014 - October 2016

Responsible for building a web application for reporting, sales, purchases, warehouses, and real estate.
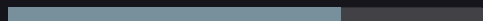
Apache Spark

C#

Redis

Git, Github, Bitbucket

CI/CD DevOps

Also proficient in SQL Server, Angular 8, Latex, Docker, GraphQL, Linux (Ubuntu) ..etc.

LANGUAGE

Arabic: Native

English: Conversational

Senior Software Developer - Hindawi
November 2012 - October 2014

Responsible for Back office website for publishing books and articles.

Senior Software Developer - MENA Software (Remote – Bulgaria)
February 2012 - November 2012

Developing Games Portals, Administrations and Gates websites.

Senior Developer - TeBAS
2007 - 2009

Developed a web and desktop applications for Personnel (HR, Time Attendance, Payroll).

Junior Developer - True Technology
2004 - 2007

Developed a desktop applications for Hospital, POS and Restaurant.

EDUCATION

Master of Computer Science

October 2014 - November 2020, Major in Text Clustering and Data Mining, Cairo University.

Higher Diploma

2009 - 2011, Major in Computer Science, Cairo University.

Bachelor of Commerce

2002 - 2006, Major in Accounting, Ain Shams University.