

# EHAB MOHAMED ELSAYED TERRA

## DATA SCIENTIST AND SOFTWARE DEVELOPER

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

## 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, Springer, 2020. Manuscript is in production.

## EXPERIENCE

### Senior Developer - Freelancing

since April 2020

Using Golang and Elasticsearch to build insight website. 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.



## CONTACT



Born 1984



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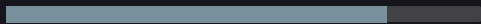
@ehabterra  
github.com/ehabterra



<https://www.linkedin.com/in/ehabterra-271b3a23/>

## SKILLS

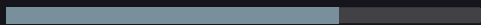
R language



Python, FastAPI, PS4



Numpy, Pandas, Matplotlib, Scikit-learn



Apache Spark



Hadoop



Elasticsearch and Kibana



HTML, CSS3 and JavaScript



Node.js and TypeScript



Golang



C#



Redis



Git, Github, Bitbucket



CI/CD DevOps



Also proficient in SQL Server, Angular 8, Latex, and Docker, grew up bilingual (Arabic and English).

### 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.