

PERSONAL INFORMATION **Manal Zayed**

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 Skype manal Zayed

Sex Female | Date of birth 02/03/1993 | Nationality Egyptian

 Cairo (Egypt)

POSITION Seeking a position of assistant teacher to apply, improve, and well invest the current skills in machine/deep learning, data mining and programming skills.

WORK EXPERIENCE

2017 – 2020

Data Analysis Researcher (Master Student)

Faculty of Computers and Information

University of Menoufia – Egypt

Title: ARABIC SENTIMENT ASPECT ANALYSIS WITH SOCIAL MEDIA DATA

Supervisors: Assoc. Prof. Hamdi M. Mousa and Assoc. Prof. Mohamed El-Menshawey

2019–current

Programming Lecturer

Solvay Academy, Kafr – El-Sheikh (Egypt)

Teaching Courses:

- Teaching programming languages classes effectively.
- Identified issues, analyzed information, and provided solutions to problems.
- Working within tight deadlines and a fast-paced atmosphere.
- Created plans and communicated deadlines to ensure courses had completed on time.
- Delivering an exceptional level of service to each learner by listening to concerns and answering questions.
- Made learners carry out their tasks accurately and efficiently.

2017-2018

IT Technician

El-magad, Cairo
(Egypt)

El-magad is Egyptian company, works to provide the computers troubleshoots solving.

Important company objective:

- Set up hardware and software in optimal configurations to meet network performance requirements.
- Managed system-wide operating system and software deployments, as well as related software upgrade problems.
- Delivered network technology training to junior team members and end-users, enhancing knowledgebase and team productivity.
- Investigated and corrected problems with printers, copiers and other peripheral devices.
- Created support documentation that empowered and enabled user community to extend skills, leverage system features and find resolutions to questions without intervention from support team.

2016–current **Programming Lecturer**

Kafr – El-Sheikh, (Egypt).

Making a free season for teaching special programming languages courses for adults and children.

2014-2015 **Web Developer**

High Institute of Management and Information Technology, Kafr – El-Sheikh, (Egypt).

Computer science department

Working in my graduated project (Qetary); Developing web-based application using PHP language for allowing our users to know the trains places by related the train graphical place using GPS service with the site mapping.

EDUCATION AND TRAINING

2020 **Masters of computer Science**

Faculty of Computers and Information – Menoufia University, (Egypt)

Title: ARABIC SENTIMENT ASPECT ANALYSIS WITH SOCIAL MEDIA DATA

Supervisors: Assoc. Prof. Hamdi M. Mousa and Assoc. Prof. Mohamed El-Menshawy

- I Published a research article in IJCI, Volume 7 (2020).
- I will publish a research paper in December 2020 in IJCA.
- My master thesis deals with the Data Analysis research field.
- I used python and R languages for developing my classifiers.
- I thoroughly learned about Data analysis, Big Data, Natural Language Processing, and Machine learning techniques through my work.
- I focused on advancing the dialects Arabic language in my research.

2015 **Bachelor degree in Computer Science**

High Institute of Management and Information Technology, Kafr – El-Sheikh, (Egypt)

Graduated with grade: Excellent (with class of honor)

Graduation Project grade: Excellent and had practiced in the MIE workshop.

Rank: Second

Curriculum vitae

PERSONAL SKILLS

Mother tongue(s) Arabic

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	C2	B1	B1	C2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

Common Framework of Reference for Languages

ADDITIONAL INFORMATION

Publications  <http://scholar.google.com/citations?hl=en&user=EZF0ToAAAAAJ>

 <https://orcid.org/0000-0001-7368-398X>

Technical Skills Programming Languages:

- Proficient in: Python, C#, C++, and R.
- Familiar with: Matlab

Databases:

- SQL Server 2015, Ms Access and MySql.

IDE:

- Jupyter
- R studio
- PyCharm
- Microsoft Visual Studio
- Netbeans

Office Automation:

- Creating Word documents programmatically using Office Word COM component as well as OpenXML.
- Work with Templates, merging documents, converting HTML to Word.
- Working with Latex templates.
- Creating PDF Documents using BullZip PDF Printer, Word to PDF, and PDF to Word.
- Working with Excel (ASAP) utilities for cleaning data.

Search Engines:

High skills in building classification models based on all of the following platforms:

- Anaconda (Jupyter), RapidMiner, RStudio
- Sklearn
- ASAP
- Twitter API
- NLTK
- TM, Arabic stemmer
- Available Arabic NLP tasks in RapidMiner

- I have worked in my master thesis to advanced my experience in Arabic language Data Analysis using Natural Language Processing and Machine Learning tasks like:
 - Morphology Analysis and Stemming
 - Documents (Tweets in my case) sentiment Classification.
 - Document Multi task classification (ABSA tasks).
 - Supervised/ Unsupervised classifiers.

Big Data Tools:

- Familiar with: Hadoop and MapReduce2

References Available upon a request