[Yosr Elghazouly]

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[yosreman@gmail.com]

Software developer skilled at research, communication and presentations. Experienced in full project life cycle from design to implementation to integration.

Experience

[Lecturer Assistant] — [Faculty of computers and Information, Assiut University, Egypt] [Responsible to assist in teaching computer science subjects like Algorithms, AI ... etc]	[Nov. 2014] – [now]
[Lecturer Assistant] — [Faculty of computers and Information, Fayoum University, Egypt] [Responsible to assist in teaching computer science subjects like Algorithms, AI ... etc]	[Sept. 2009] – [Nov. 2014]
[Software developer] — [ASGA-Tech company, Cairo, Egypt] [Developing mobile applications]	[Aug. 2007] – [Nov. 2009]
[Lecturer Assistant] — [Institute of Statistical Studies and Research "ISSR", Dokki, Cairo, Egypt] [UML and C++ instructor]	[Mar. 2009] – [July 2009]

Education

[Faculty of Computers and Information, Cairo University, Egypt] — [Pre-Doctoral] [Studying advanced computer science courses]	[April 2013] – [Jan. 2015]
[Faculty of Computers and Information, Cairo University, Egypt] — [Master in Bioinformatics "Cellular Meta-heuristics in bioinformatics"] [Primary objective was to try different Cellular Algorithms like "Cellular Genetic Algorithm and Cellular Estimation of Distribution" that could be used in solving different types of problems like Protein Folding Problem and DNA Fragmentation problem]	[Nov. 2007] – [April 2009]
[Faculty of Computers and Information, Cairo University, Egypt] — [Undergraduate studies] [Excellent with honor degree, Ranked as 1st of my CS department on 4th year and ranked as 6th of my CS department as a cumulative degree]	[Sep. 2003] – [July 2007]

Publications

[The 2nd International Engineering Conference and Exhibitions, Riyadh, Kingdom of Saudi Arabia] — [Towards a Recommender System Framework for Facilitating Everyday Activities of Blind and Visually Impaired People]	[March 2020]
[The 2nd International Engineering Conference and Exhibitions, Riyadh, Kingdom of Saudi Arabia] — [Automatic Real-Time Rescue Calling System for Automotive Harsh Collisions]	[March 2020]
[The International Engineering Conference, Riyadh, Kingdom of Saudi Arabia] — [Wayfinding Indoor Positioning System Navigator for Blind People in Hospitals]	[Dec. 2017]
[The first international conference on Mosque Architecture, the University of Dammam, Saudi Arabia] — [An Indoor Positioning System for Facilitating Perception And Navigation Of Blind People In Mosque Indoor Environments]	[Dec. 2016]
[Egyptian Computer Science journal] — [Cellular Evolutionary Algorithms for Solving Protein Folding Problem]	[Jan. 2010]
[Science Publications "http://thescipub.com/html/10.3844/jcssp.2008.525.529"] — [Solving Protein Folding Problem using Elitism-Based Compact Genetic Algorithm]	[July 2008]

Training

[Center for Documentation of Cultural and Natural Heritage (CULTNAT), Smart Village, Egypt] — [Creating a 3d model for the CULTNAT main building in smart village using a 3D-Max]	[Aug. 2006] — [Sep.2006]

Computer skills

- Web development (self learning)
- C++
- Java
- C#.NET
- Symbian C++
- HTML & CSS (self learning)
- Javascript (self learning)
- JQuery (self learning)
- SQL
- MySQL (self learning)
- Photoshop (basics)

Personal skills and competences

Language	Arabic [Mother tongue] English [Very good] Dutch [Level A2]
Technical and Social skills	1. Good presentation & communication skills. 2. An active member through social activities. 3. Ability to work well under pressure. 4. Ability to work well with all levels of management and personal. 5. Patient and highly self-motivated. 6. Self-learner.

Leadership and volunteer

1. I was a student representative for my department during the undergraduate studies for 3rd and 4th year.

2. Was an organizer for the First Students' Conference for Computers and Information.
3. A volunteer in IMSAL (International Muslim Students Association in Leuven).

Communication

- **Prof.Dr. Reem Bahgat, Faculty of computers and information university, Cairo University, r.bahgat@fci-cu.edu.eg**
- **Prof.Dr. Samir Abdelrahman, Computer Science department, Faculty of Computers and Information, Cairo University, s.abdelrahman@fci-cu.edu.eg**
- **Prof.Dr. Mervat Gheith, a professor of Artificial Intelligence in Institute of Statistical Studies and Research, Cairo University, mgheith@issr.cu.edu.eg**