



Personal information

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| First name(s) / Surname(s) | Ahmed Badawy Fathelbab Mohammed |
| Address(es) | Computer science Dept., Faculty of Science, Minia University, El-Minia, (PC: 61519), Egypt |
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| Nationality | Egyptian |
| Date of birth | 13 May 1988 |
| Gender | Male |
| Occupational field | Lecturer |

Work experience

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| Dates | September 2023 → Now |
| Occupation or position held | Lecturer |
| Main activities and responsibilities | <ul style="list-style-type: none">Teaching full computer science courses for undergraduate studentsGuiding the students through their graduation projects |
| Name and address of employer | Computer Science Department, Faculty of Science, Minia University, El-Minia (61519), Egypt. |
| Dates | August 2014 → September 2023 |
| Occupation or position held | Assistant Lecturer |
| Main activities and responsibilities | <ul style="list-style-type: none">Conduct my PhD research and provide my results periodically for my supervisors in seminars.Teaching the practical parts of many computer science courses.Guiding the students through their graduation projects (Topic choosing – analysing – developing - testing), and for signing in the required undergraduate courses in computer science.Preparing the department schedules for (course, professors, and computer labs).Provide the required technical maintenance for the department's Computer Labs. |
| Name and address of employer | Computer Science Department, Faculty of Science, Minia University, El-Minia (61519), Egypt. |
| Dates | November 2010 → August 2014 |
| Occupation or position held | Demonstrator |

Main activities and responsibilities

- Conduct my MSc research and provide my results periodically for my supervisors.
- Teaching the practical parts of many computer science courses.
- Guiding undergraduate students for signing in the required courses.
- Preparing the department schedules for (course, professors, and computer labs).
- Provide the required technical maintenance for the department's Computer Labs.

Name and address of employer

Computer Science Department, Faculty of Science, Minia University, El-Minia (61519), Egypt.

Education

Dates 22 September 2023

Title of qualification awarded

PhD in telematics Engineering, University of Carlos III de Madrid UC3M, Spain

Dates March 2018 → September 2023

Title of qualification awarded

PhD student, UC3M, Spain

Dates September 2014 → July 2015

Title of qualification awarded

Ph.D. Courses with an overall grade of "Very Good" (3.25 out of 4).

Principal subjects/occupational skills covered

Studying advanced Computer Science courses to be qualified for the Ph.D. program and research: Advanced Software Engineering. / Special Course - Advanced topics in Web Software Development. / Computer Immune Systems. / Information Retrieval and Extraction.

Name of organisation providing education

Computer Science Department, Faculty of Science, Minia University, El-Minia (61519), Egypt.

Level in national or international classification

Ph.D. Courses

Dates July 2012 → July 2014

Title of qualification awarded

M.Sc. in Computer Science

Principal subjects/occupational skills covered

In this Master thesis we introduce a system to ease the learning process using Semantic Web and Web mining techniques with the title of the Master thesis: "Application of Semantic Web Mining"

Name of organisation

Computer Science Department, Faculty of Science, Minia University, El-Minia (61519), Egypt.

Level

Master degree

Dates October 2011 → July 2012

Title of qualification awarded

Master Courses with an overall grade of "Very Good" (3.56 out of 4).

Principal subjects/occupational skills covered

Studying advanced Computer Science Courses to be qualified for the M.Sc. program and research: Programming Languages. / Evolutionary Algorithms. / Knowledge Discovery and Data Mining. / Special Course - Advanced Software Engineering. / Data Processing & Structures. / Advanced Computer Networks. / Advanced Pattern Recognition. / Web Software Development.

Name and type of organisation providing education and training

Computer Science Department, Faculty of Science, Minia University, El-Minia (61519), Egypt.

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| Level in national or international classification | Master Courses |
| Dates | September 2005 → June 2009 |
| Title of qualification awarded | B.Sc. in Computer Science with an overall grade "Excellent with Honor" (Ranked 1st among the colleagues). |
| Principal subjects/occupational skills covered | Studying Computer Science Courses: Programming Languages. / Software Packages. / Computer Systems. / Data Structures. / Algorithms. / Database Management Systems. / Information Systems. / Systems Analysis and Design. / Computer Graphics. / Operating Systems. / Computational Mathematics. / Software Engineering. / Multimedia Programming. / Formal Languages and Automata. / Compiler Design. / Artificial Intelligence. / Office Automation Systems. / Operations Research. / Simulation and Modelling. / Computer Networks. / Decision Support Systems. / Mathcad. / MATLAB. / Physics. / Mathematics. / Statistics. / English. |
| Name and type of organisation providing education and training | Computer Science Department, Faculty of Science, Minia University, El-Minia (61519), Egypt. |
| Level in national or international classification | Bachelor degree |

Training

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| Dates | 9th October 2016 |
| Title of qualification awarded | Attending Elsevier Publishing Campus Author Workshop at Minia University |
| Principal subjects/occupational skills covered | <ul style="list-style-type: none"> ▪ Creation of a good research paper that could be published in international scientific Journals. ▪ Analysing search results to get visual and statistical reports of research areas. ▪ Use of academic research papers search engines: ScienceDirect and SCOPUS. |
| Name and type of organisation providing education and training | Elsevier Publishing Campus |
| Dates | September 2013 → December 2014 |
| Title of qualification awarded | Training course of full International IELTS |
| Principal subjects/occupational skills covered | Training course in (writing, speaking, reading and listening) |

Personal skills and competences

Mother tongue(s) Arabic

Self-assessment European level (*)

English

Spanish

| Understanding | | | | Speaking | | | | Writing | |
|---------------|------------------|-----------|------------------|--------------------|------------------|-------------------|------------------|-----------|------------------|
| Listening | | Reading | | Spoken interaction | | Spoken production | | | |
| B2 | Independent user | B2 | Independent user | B2 | Independent user | B2 | Independent user | B2 | Independent user |
| A2 | Basic user | A2 | Basic user | A2 | Basic user | A2 | Basic user | A2 | Basic user |

An advanced level of English with a high ability to write and communicate

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| Social skills and competences | <p>Communicating with others.</p> <ul style="list-style-type: none"> ▪ Good oral and written communication skills in English. ▪ Ability to work in a group or individually according to the job required. ▪ Excellent interpersonal skills to work effectively with team members from different backgrounds and with different tasks. |
| Organisational skills and competences | <p>Time management.</p> <ul style="list-style-type: none"> ▪ Ability to work collaboratively with colleagues. ▪ Demonstrated ability to work with minimum supervision. ▪ High-level communication, interpersonal and management skills. ▪ Good communication skills and the ability to meet objectives within set deadlines. |
| Technical skills and competences | <ul style="list-style-type: none"> ▪ Ability to design an E-learning system with the use of Semantic Information. ▪ Extract text from learning resources to perform NLP. ▪ Ability to perform data analysis. ▪ Writing proposals. |
| Computer skills and competences | <ul style="list-style-type: none"> ▪ Programming with Python, Java, C#, C++, and ASP.NET. ▪ Dealing with data using SQL or SPARQL. |
| Other skills and competences | <p>Presentations skills.</p> <ul style="list-style-type: none"> ▪ Potential for contributing to research program development. ▪ Potential to provide academic supervision to undergraduate students. ▪ Willingness to travel internationally for project meetings and conferences. |
| Publication | <p>Journal Publication:</p> <ul style="list-style-type: none"> ▪ Badawy, Ahmed, Jesus A. Fisteus, Tarek M. Mahmoud, and Tarek Abd El-Hafeez. "Topic Extraction and Interactive Knowledge Graphs for Learning Resources." Sustainability 14, no. 1 (2021): 226. ▪ MAHMOUD, Tarek M.; ABD-EL-HAFEEZ, Tarek; BADAWY, Ahmed. A framework for An E-learning system based on Semantic Web. International Journal on Computer Science and Engineering, 2013, vol. 5, no 8, p. 698. |