Majid Ahmed Jad EL-Rab El-sayed Askar
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# Curriculum Vitae

## Personal Details

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|---|---|---|
| 1. | Full Name | Majid Ahmed Jad EL-Rab El-Sayed Askar |
| 2. | Sex | Male |
| 3. | Family and marital status | Married |
| 4. | Date of Birth | 15/12/1980 |
| 5. | Nationality | Egyptian |
| 6. | Languages | Arabic(Mother tongue),English(very good),French |

## Position History

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| **2010-onwards** | Lecturer assistant at Computer Science Department - FCI Assiut University. |
| **2003-2010** | Demonstrator at Computer Science Department - FCI Assiut University. |

## Educational Qualifications

| | Degree/Diploma | University/Board | Class/Marks | Year |
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| 1. | Bachelor of Computers & Information, computer science | Helwan University | Very Good, with Honor Rank. | 2001 |
| 2. | Pre-Master of Computer Science | Cairo University | Very Good | 2004 |
| 3. | Master of Computer Science | Cairo University | | 2010 |
| 4. | Pre-PHD of Computer Science | Assiut University | | 2016 |

## Honours, Awards , Memberships and Positions held in the past

1. Master of Computer Science
   - Thesis name " intelligent search agent system on The semantic web "
   - The proposed system consists of five main parts: the Annotator, the Ontology Parser, the Indexer, the Search Agent, and the Data Repository. Two kinds of search are implemented: keyword/concept based and structured search. The keyword/concept based search matches a user's query terms to concepts while the structured search allows a user to choose the concept that s/he want to search for together with some attributes for this concept. The proposed system was evaluated using the precision measure. The evaluation is based on the comparison of the proposed system with the Lucene desktop application
   - Developing an ontology using protégé for the computer science department – Cairo University. This ontology is used in the master work, the ontology concepts and attributes are in Arabic language.

2. Member of the board of directors E-learning Centre – Assiut University 2007-2014
   - Suggestion of some equipments specifications.
   - Selection between Financial offers.
   - Participating in the board of directors meetings.

3. Member of the Quality Assurance & Accreditation unit – faculty of Computers & Information – Assiut University. 2003 - Present.
   - Development of software for undergraduate student courses questionnaire analysis.
   - Development of software for automatically generating random student ID for courses questionnaire.
   - Member of the board of directors.

- Member of the committee of student questionnaire analysis.
- Member of the editing and reviewing team of the faculty bylaw (non-credit /credit hour system).
- Editing and reviewing courses and program description for computer science, information system, and information technology departments.
- Follow up / review of the paper work of the standard of graduate studies and scientific research.
- Follow up / review of the paper work of the standard of quality systems management
- Follow up of the paper work of the standard of organizational structure, leadership, governance and administrative structure.
- Member of the implementation team of Quality Assurance and Accreditation Project – faculty of Computers & Information – Assiut University 2009-2012.

4. Member of the implementation team of Upgrading and Development of Meat Hygiene and Technology Education in Egypt project – faculty of Veterinary Medicine– Assiut University February 2005 to June 2007.
   - This project is designed to enhance the quality, efficiency, relevance and outcomes of the teaching and training programs of Meat Hygiene and Technology for veterinary students, meat instructors, meat hygienist and workers in Egypt. http://www.mht.aun.edu.eg/index_english.html

5. Member of the implementation team of Online Teaching project – faculty of Computers & Information – Assiut University 2006.
   - Development of some undergraduate computer Science courses on Moodle environment.
   - Maintain / update the course contents on Moodle.
   - Preparing course contents into the E-form.

6. Participating in judgment / activities of some competitions within Science Club – Assiut Universiy
   - Students programming competitions.
   - Best CD completion
   - Students programming camp (to prepare to a competition).

7. Concourse of the faculties of computers and information – Assiut university 2010
   - ACM competition judge.
   - Member of the Student reception committee.
8. Member Of the BioDialog project 2016-2018. https://fusion.cs.uni-jena.de/bdg/
9. Deputy Director of Quality Assurance and Accreditation Unit - Faculty of Computers & Information - Assiut University.
10. Deputy Director of the Management Information Systems Center - Assiut University.
11. Executive Director of the Measurement and Assessment Unit - Faculty of Computers & Information - Assiut University.

## Research Interest

Semantic Web, Agents, Artificial intelligence, Bioinformatics, Biodiversity.

## Publications

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|---|---|
| Journals | [1]. Majid A. Askar,Hesham A. Hassan and Samhaa R. El-Beltagy "Semantic web based search agent system", Journal of Engineering Sciences, Assiut Unversity Vol. 38, No. 4, pp 989 -1000, July 2010. |
| Conferences | [2]. Majid A. Askar "Mobile Cloud Computing: An Introductory Survey", 4th International Conference on Mathematics & Information Science, ICMIS 2015 Cairo 5-7 February, 2015. |
| | [3]. Majid A. Askar,Hesham A. Hassan " Search agent System based on Semantic web", 4th International Conference on Mathematics & Information Science, ICMIS |

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| | 2015 Cairo 5-7 February, 2015. |
| | [4]. T Soliman, A Algergawy, B König-Ries, M Askar, M Abdelreheim "A Semantic Big Biodiversity Data Integration Tool", ICEI 2018: 10th International Conference on Ecological Informatics |
| | [5]. M Askar, A Algergawy, T Soliman, B König-Ries, A Sewisy "Query Processing in Ontology Based Data Access", ICEI 2018: 10th International Conference on Ecological Informatics |
| | [6]. M Askar "Towards Transforming Natural Language Queries into SPARQL Queries", Baltic DB&IS 2020: 14th International Baltic Conference on Databases and Information Systems |
| ACM Assiut Student Chapter Magazine | [7]. Majid A. Askar "The semantic web: an introduction", ACM Assiut Student Chapter Magazine vol. 1, p 16-19, 2015. |

## Teaching

1.  **Teaching the practical / exercise labs of the following courses**
    - Introduction to computers, structured programming, data structures, file structure, object oriented programming, Database management, Algorithms, computer networks, network management, network programming, and report writing.

2.  **Co-supervisor on graduation projects.**
3.  **Teacher and Co-Organizer for the Faculty students summer training**.
    - Mobile Application Development with IBM Worklight Foundation V6.2.
4.  **Teaching / preparing some training courses in the faculty consultant centre.**
    - Java, advanced java, Algorithms, and CCNA semester 1 (Network fundamentals).
5.  **Teaching some training courses Upper Egypt Net for Computer and Communication.**
    - C++, Data structures, Java, and advanced java.
6.  **Presentation about Semantic Data Integration as one of the activities of The International workshop on Biodialog.**

## Volunteer Work

1.  A Talk about the Semantic Web. Within the activities of the Zero day (3) for the students of the faculty of Computers & Information – Assiut University. 2013
2.  A Talk about the Internet of things. Within the activities of the Tech-Ex between the faculty of Computers & Information – Assiut University and the Egyptian E-Learning University. 2015.
3.  Member of the editorial board of the Assiut ACM student chapter. 2015- 2016
4.  Provide consulting for students in graduation projects (Faculty of Engineering, and EELU).
5.  Member of the IEEE Assiut student branch.

## Training and Workshops

1.  CCNA Exploration: Network fundamentals.
2.  CCNA Exploration: Routing protocols and concepts
3.  CCNA Exploration: LAN switching and wireless
4.  CCNA Exploration: Accessing the WAN.
5.  Mobile Application Development with IBM Worklight Foundation V6.2 (University certificate).
6.  Essentials of Cloud Application Development on IBM Bluemix.
7.  Preparing university teacher.
8.  Effective Presentation Skills.
9.  Effective communication skills.
10. Recent trends in teaching.
11. Thinking Skills.
12. Ethics and Professional Ethics.

13. Effective Teaching.
14. Teaching with technology.
15. The International workshop on Biodialog.
16. Producing course / program specifications.
17. TOEFL ibt 78
18. GRE 154

## Programming languages and Tools

C, C++, java, C#, MS-Office, SQL server, RDFS, DAML, protégé

## References

1- Prof. Taysir H. Sloiman    E-mail: taysser.soliman@fci.au.edu.eg
2- Prof. Birgitta Konig-Ries. E-mail: Birgitta.Koenig-Riesg@uni-jena.de
3- Dr. Alsayed Algergawy.    E-mail: alsayed.algergawy@uni-jena.de