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| **Miss. Mona Altassan** MSc.**Lecturer**,  | ***[Picture goes here]*** |

College of Computer Science and Information Technology,

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**Research interests**

1. Pattern Recognition
2. Digital Image Processing
3. Bioinformatics
4. Artificial Intelligence
	* Genetic Algorithms
	* Artificial Neural networks
	* Expert Systems

**Selected publications**

1. MSc thesis, "Optimisation of the Data Recovery Process Using Genetic Algorithms", The University of Manchester, 2011. (Supervised by Dr. Paul Nutter)

The following is a link to the abstract of my Master's thesis:

[http://studentnet.cs.manchester.ac.uk/resources/library/thesis\_abstracts/MSc11/Abstracts/AltasanMona-abstract.pdf](http://studentnet.cs.manchester.ac.uk/resources/library/thesis_abstracts/MSc11/Abstracts/AltasanMona-abstract.pdf%20)

1. BSc dissertation, "Arabic Letters Classification Using ADALINE Artificial Neural Network", King Faisal University, 2006. (Supervised by Prof. Gamal Behery)

**Courses taught (2006-2013)**

1. Object-Oriented Programming (1)
2. Artificial Intelligence
3. Image Processing
4. Assembly Language Programming
5. Advanced Database Management Systems
6. Operations Research
7. Software Engineering
8. Selected Topics (JAVA)
9. Artificial Neural Networks
10. Computer Security
11. Communications and Networks Fundamentals
12. Introduction to Computing
13. Web-based Systems

**Personal website**

Not available