



# Omar Ibrahim Obaid

*Lecturer at AL-Iraqia University*

Tarmiah/Baghdad/Iraq  
Omar.Ibrahim@esj.edu.iq, (00964) 7728049795

## Work Experience

02.2007 – 02.2008

Help disk Administrator in Thermal power station, Salah Aldeen, Iraq.

### Job Description:

- Computer's maintenance & setup programs.
- Local Networks Installation, Maintenance & Implementations.
- Wireless networks Implementation, installation & maintenance.

02.2008 – 06.2009

Planning and follow-up department, Thermal power station, Salah Aldeen, Iraq.

### Job Description:

- Flow charts designing.
- Reports preparing for maintenance and evaluation.
- Inventory and payroll

02.2012 – So far

Work in a computer department as assist lecturer in the college of education at AL-Iraqia University.

## Education

9.2003 – 09.2007

Bachelor degree in computer science, University of Dyiala, Dyiala, Iraq.

012.2009 – 09.2011

Master degree in Information Technology, Universiti Tenaga Nasional (UNITEN), Selangor, Malaysia.

## Publications

- 1- Obaid, Omar Ibrahim, Solving university examination timetabling problem using genetic algorithm, LAMBERT Academic Publishing in German, Book, Published in Amazon, July 2015.
- 2- Implementing an Expert Diagnostic Assistance System for Car Failure and Malfunction, IJCSI **Journal paper**.
- 3- Comparing Performance of Genetic Algorithm with Varying Crossover in Solving Examination Timetabling Problem, **Journal paper**.

## General Skills

- Advanced knowledge in Human Computer Interaction, strong skills in Mobile Systems Programming, modeling and analysis with intelligent systems and Case Based reasoning.
- More than 4 years in scientific research with strong knowledge in building Artificial Intelligence Techniques and interact with a real world problem by using C++, VB6, and Matlab.
- Improved mathematical models for capacitated vehicle Routing Problem, methods for design, evaluation and implementation of Intelligent Systems and Expert Systems.
- Highly motivated, team player with experience in management and development projects
- Building and developing programs in management and web at AL-Iraqia University.
- Assisting in the science level development of students through taught of various subject in computer fields.
- Languages: Arabic and English.

## Technical Skills

**Programming:** MATLAB, Simulink, Visual Basic 6, Visual Basic .Net, Java Eclipse.

**Hardware:** Installation and configuration of Peripherals and Storage Devices, Advance Digital System Design.

**Operating systems:** Windows, Android O.S and Linux.

## Outlining Research Interests

- Interests include Genetic Algorithm (GA) and Evolutionary Algorithms (EA).
- Develop various approaches to optimize solution of Software Packages Evaluation and optimal selection, particularly in the use of Multi-Criteria Decision Making Techniques.
- Using data and analytics for high impact problems.
- Develop of Multi-Criteria Decision Making Techniques for An Evaluation and Optimal Selection for Open Source Software Packages.
- Fuzzy-based neural network and genetic algorithm to solve real-time problems and diagnosis several diseases.