

Omar Gharbia

Local Address: 147 w sequire Dr, #2, Rochester, NY, 14623

International Address: Shara El Mahesha, Zawit El Mahjoob,
Misurata, Libya

Tel: 708 315 0720

Tel: +218 92613 4863(mobile Misurata)

E-mail: o.gharbia@gmail.com
oag1929@rit.edu

Citizenship: Libyan



Career Objective

To be employed as a faculty member in computer science in a challenging environment where I can utilize my teaching, research, technical, and management skills to make significant contribution.

Education

PhD program: September 2015

Institutions: Rochester Institute of Technology(RIT).

Field: Computing and Information Sciences.

Research interest: experimental validation, clinical application, and methodological improvement of TEPI in various cardiac diseases such as catheter ablation of ventricular arrhythmia.

Master of Science (Computer Science) 2008 - 2009

Universiti Putra Malaysia, KL, Malaysia

Study Area: Computer Networking

Research Topic: Intrusion detection systems using data mining techniques

Bachelor of Science (Computer Science) 1999 - 2003

Misurata University, Misurata, Libya

Overall average: Good

Higher School Certificate 1995-1998

Misurata Secondary School, Misurata-Libya

Achievement: Good

Employment History

Lecturer: (Full time)

Sep 2010-

Present Institutions: Faculty of Misrata

Responsibility: Teaching the following courses:

- Prolog.
- Artificial intelligence.
- Software Engineering.
- Computer Networks (basic ideas).
- IT course.
- Network security.
- Computer architecture + assembly language.
- C++.
- Visual basic.

Lecturer: (Part time)

March 2010-July 2013

Institutions: The Higher Institute of Training Trainers

Responsibility: Teaching the following courses:

- Computer Networks course.
 - Software engineering.
 - Artificial Intelligence + Prolog.
 - Computer architecture.
 - Assembly language.
-

Lecturer: (Part time)

March 2010-July 2013

Institutions: The Higher Institute of Comprehensive Professions

Responsibility: Teaching the following courses:

- IT course.
 - Computer architecture.
 - Supervision of final year projects (e.g. Database for the Computer Science Dept., Database for automobile parts supplier, wireless network distribution for the Institute, inventory and sales system, data analysis of Misurata airport)
-

Database Manager

August. 03-August 05

Institution: Civil affairs Office, Misurata Municipality

Position: Database Manager

Responsibility:

- In charge of the database daily operation.
 - Contributing to introducing new updates to the database.
-

Secondary School Teacher

August-05- to Feb. 08

Institution: Ben Ghalboon Secondary School, Misurata. Libya

Position: Computer Science Teacher

Responsibility:

- In charge of teaching visual basic course.
 - In charge of programming lab.
-

Personal Developments

Description of Training/Seminar	Period	Institution
English Language Course (one year).	2007	Language Institute, The Misurata University, Libya
English Language Course (4 months).	Feb-June 2008	EMIC Institute, Kuala Lumpur, Malaysia
University Putra Malaysia English Exam (Grade 80%)	April 2008	University Putra Malaysia

Research Interests

- Intrusion detection and signature based.
- Comparing between TCP single and Multi-socket.
- Clustering of Symmetric Multiprocessing service.
- Message passing interface (MPI).
- Simulation of Local Area networks—simulation of starLANs and CSMA/CD LANs.
- Wireless detection system (fire detection system).

Key Skills

Computing:

MS Excel, MS PowerPoint, MS Word, C++ programming, Java programming, Matlab, visual basic programming.

Languages:

Fluent in English language, Arabic, and know a bit of Malay language.

Personal Interests

Playing and watching soccer, travelling, and reading.