

## Curriculum Vitae

### Personal Data

**Name :** Dr. Saleh Abdel Shacour El Shehaby  
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**Birth:** 25/7/51 London - UK.

### EDUCATION

#### Post Graduate Studies:

PhD and Master degrees in Computer Engineering - Computer Engineering and Automatic Control Department, Faculty of Engineering, University of Alexandria.

#### Under Graduate Studies :

BsC in Electrical Engineering - 1973 - faculty of Engineering, University of Alexandria.

**Primary studies:** Collège St Marc -Alexandria Egypt.

### Current Position:

Head of Biomedical Engineering Department; Medical Research Institute - University of Alexandria.

### Academic Activities:

#### TEACHING Activities (UNIVERSITY)

- Teaching Computer Science; Computer Engineering courses in:
- Faculty of Engineering, Computer Engineering and Automatic Control Department, University of Alexandria,
  - Faculty of Science, Computer Sciences Department, University of Alexandria
  - Arab Academy of Science and technology - Computer Sciences and Computer Engineering Departments,
  - Medical Research Institute.
  - Information Technology Institute / IDSC.

**Courses of interest:**

- *Post Graduate:* Security: cryptography; system and network security, Distributed Systems, Artificial Intelligence, Machine Learning, Pattern Recognition, Simulation.
- *Under Graduate:* Operating Systems, System Programming, Data structures and Computer algorithms, Object Oriented Programming, Software Engineering.

**Supervision**

Supervising/Evaluating projects and thesis' for BsC, Master and PhD Computer Engineering, Computer Science and Biomedical Engineering degrees.

More than 30 Computer Engineering graduation projects, among them:

- The OpenMoko Virtual Mobile Operating System.
- The Integrated Development and Management Framework
- The Server Side Development IDE.
- Intelligent internet browser
- Vision: recognition using neural networks.
- An Adaptive Linux Firewall
- E-Commerce: Presentation and Identity systems based on the JSP technology, etc.

More than 20 supervised Master and PHD degrees in the field of computer engineering, among them:

- Peer to Peer caching framework
- Erlang Virtual machine for cellular processors
- Synchronous/Asynchronous Replication Techniques, etc.

**PUBLICATIONS**

A list of publications is available upon request. (Twenty plus publications in internationally/local refereed journals.

**Current Consultation Activities**

- IT Consultant for the ministry of communication and information Technology since November 2000.
- IT Consultant for the ministry of Social Solidarity since February 2006.
- IT consultant for the Integrated Solution Ports (ISFP) company since February 2005.

**Previous Consultation Activities:**

- IT consultant for the national postal authority the years 2003-2005.
- Technical manager and Head of R&D department in Standardata Egypt company; the years 1982-2001
- IT consultant in RITSEC the years 1990-1991.
- IT consultant in IDSC the years 1987 and 1988.

#### **Some Projects (Supervision, Analysis, design and Implementation)**

- Design and implementation of POLYTEL Keypad drivers on Apple, Radio Shack and IBM PC platforms.
- Arabization of Packages (such as Platinum for Windows, IBI Focus DBMS) on different platforms, Quatro under the bgi graphic Interface, Platinum on windows 3.11, JVM libraries, ..etc.
- Arabization of Operating Systems ( DOS, Windows 3.1,SCO Unix, xterm Linux, Xlib, GTK widget library, Desktop, ...etc)
- Customization of IBM terminal drivers to support Arabic ( XBASIC, XCOM2 ) under VM/CMS, DOS/VSE, and MVS operating Systems.
- IT projects including IT information systems: DBMS, Warehousing, Simulation systems for SUMED, SUCO, PAS, General Petroleum Authority, ..etc.
- Sumed Dispatching Project: Information Platform and dispatching simulation.
- Head of the open source group: *openasd* for promotion/ design/ development/ integration of the open source methodology and systems in Arabic region, a non profit activity organization with current running projects published in [www.openasd.org](http://www.openasd.org) .
- Supervising the arabization of the Microsoft Visual Studio .Net 2010 framework (CLIPS Environment) in a Microsoft/University of Alexandria joint project.

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Dr S.S.El Shehaby