PERSONAL INFORMATION

Mohamed Soliman

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Sex Male | Date of birth 29/1/1990 | Nationality Egyptian

Master student in Human Computer Interaction and Design, with specialization in User Modelling for Advanced HCI

Aalto University

WORK EXPERIENCE

From January 2014 to September 2014

Software Developer

Eventum IT Solutions (http://www.eventumsolutions.com/)

- Scripting and web development using Ruby on Rails
- Member of the developing team of VAS (Value Added Services) Performance tool for Etisalat Misr using Rails, Redis, MySQL database
- Implementing an automated dashboard capability for Mobinil Packet Core Network using Spring MVC and elasticsearch
- Developing monitoring tools enhancement for STC (Saudi Telecom Company)

Business Information Technology

From July 2013 to June 2014

Research Assistant

Alexandria University (http://www.alexu.edu.eg)

- Research in the field of privacy preservation within data mining systems and hiding of sensitive rules
- Research in the field of Visual Obstacle Avoidance using Optical Flow

Sector Education/Research

From January 2013 to June 2014

Teaching Assistant

Alexandria University (http://www.alexu.edu.eg)

- Teaching assistant for Pattern Recognition and Computer Vision courses
Teaching assistant for Distributed Systems course

Sector Education/Research

From December 2012 to December 2013

Software Engineer

Egyptian Navy, R&D Sector

- Member of the development team for a GIS system using C#

Business Information Technology

From June 2012 to September 2012

Software Engineer

EJADA Systems (http://www.ejada.com/Pages/default.aspx)

- Member of the integration team, working on Websphere Message Broker

Business Information Technology

EDUCATION AND TRAINING

From September 2015 to January 2016

Master Student

Aalto University

- Student at Human-Computer Interaction and Design program as part of EIT/ICT master school program
- Specialization in User Modelling and Machine Learning

From September 2014 to July 2015

Master Student

Paris-Sud University

- Student at Human-Computer Interaction and Design program as part of EIT/ICT master school program

From September 2007 to June 2012

Bachelor of Science

Faculty of Engineering, Alexandria University, Egypt

- Computer and Systems Engineering Department, 84.4%
- Mathematics, Statistics, Database, Algorithms, Data Structure, Automatic Control

From March 2011 to December 2011

Training

Integral Management and Quality Solutions, Alexandria

- Web Developer (PHP, JS, MySQL)

From June 2010 to August 2010

Training

Wireless Stars, Alexandria (http://www.wstars.com/)

- Web Developer (JSP & Servlets, HTML, JS, MySQL)

From 2002 to 2007

Certificate of General Secondary Education-"*Thanawiya Amma*"

Zahran Language School, Alexandria, Egypt

- Mathematics Section

PERSONAL SKILLS

Mother tongue(s)   Arabic

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading			
30	28	23		28
TOEFL iBT, score 109				
A1	A1	A1	A1	A1

English (Proficient) — row with 30, 28, 23, 28

French — row with A1, A1, A1, A1, A1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills	▪ Team spirit gained through always working in groups during college and after college.
▪ Good ability to adapt to multicultural environments, gained through my participation in different events abroad:
▫ Trained for 36 academic hours in Moscow State Institute of International Relations under supervision of the Federal Agency on Youth Affairs of Russia, in the field of civil society, in Seliger camp, Tver, Russia.
▫ Was among the delegation of revolutionist who went to Turkey and met the Turkish president, prime minister and foreign minister, June 2011.
▫ Attend United Nations Summer School 2011 in Portugal
▪ Good communication skills gained through my experience in the field:
▫ Director of PR committee at EDC (Egyptian Debate Club), first debate club in Alexandria, Egypt
▫ Co-head of the networking committee at YES (Youth Entrepreneurship and Sustainability) Egypt
Organisational / managerial skills	▪ Leadership, during my graduation project, I was responsible of a team of 5
▪ Logistics and organisational skills, gained through:
▫ Organizing Software Freedom Day 2010 in Alexandria University
▫ Participating in several models; MAC (Model of American Congress), AIMUN (Alexandria International Model United Nations) and AIMAL (Alexandria International Model Arab League), as participant and organizer.
Job-related skills	▪ Agile and Waterfall development processes
▪ Object-Oriented programming and using design patterns
▪ Working on database systems
▪ Web development (Ruby on Rails, PHP, JSP/servlets, HTML, Javascript and CSS)
Computer skills	▪ Good command of Microsoft Office tools (Access, Word, Excel and PowerPoint)
▪ Operating systems managements and administration
▪ Working on open source operating systems
Other skills	▪ Writing, I have a blog where I write general articles in Arabic. (http://meenfeen.blogspot.com)

ADDITIONAL INFORMATION

Projects	▪ Efhamni project:
  ▫ Efhamni (Understand Me) graduation project is one of the projects sponsored by CMIC (Cairo Microsoft Innovation Center) in the field of Kinect developing.
  ▫ The project is a sign language recognition environment using the Kinect sensor.
  ▫ The implementation is in the field of computer vision and machine learning.
  ▫ The implementation was done using C++.

▪ PaperUI project:
  ▫ PaperUI is a project that lets you sketch your own interface for any program on paper, and then map it using a leap motion device to actions in the program
  ▫ Draw interface widgets on paper and link them to the widgets on the application.
  ▫ The project is in the field of Human Computer Interaction and Design
  ▫ The implementation was done using Javascript. |

- Getgo project:
  - GetGo is a responsive web based application that curates and organizes all the necessary information students need when traveling abroad to pursue their studies.
  - The goal of the application is to provide easy access to reliable information about the numerous formalities that one has to complete in order to relocate to a new city abroad.
  - The implementation was done using Ruby on Rails, PostgreSQL.

Conferences

- Cairo Code Camp 2010, CairoCodeCamp is a two days conference focuses on software technologies, with 20+ speakers and 40+ different sessions on various tracks will satisfy your technology hunger.
- g-egypt 2010, Google's day in Cairo

Honours and awards

- Efhamni Project was awarded the second place award on a national competition by Egypt Innovate, Technology Innovation and Entrepreneurship Center, TIEC Graduation Project Competition, IBTIECAR 2012. The competition was sponsored by Microsoft ATL at Cairo and many other sponsors.
- Among top 30 Students over the country in General Secondary Certificate

References

- References available upon request