

Hamza GHANDORH

PERSONAL INFORMATION

PLACE AND DB: Makkah, Saudi Arabia | 11 September 1985
ADDRESS: 80 Capulet Lane, Apt 412, London, Ontario, Canada, N6H 0B4
PHONE: +1 (519)-694-8411 | +966-5569-69933
EMAIL: hghandor@uwo.ca | hghandorh@taibahu.edu.sa
SITE: www.hamza-ghandorh.info

RESEARCH INTERESTS

- Augmented Reality for Medical Simulation.
- Model-driven Development.
- Smartphone Applications Quality.
- Empirical Studies in Software Engineering.
- Web Services Management.

EDUCATION

Ph.D. of Engineering, (Jan 2012 to Present)
The Department of Electrical and Computer Engineering, Faculty of Engineering,
Western University, London, On, Canada,
Concentration: Software Engineering,

Masters of Science, (Sept 2011 to Dec 2011)
The Department of Computer Science, Faculty of Science,
Western University, London, On, Canada,
Adviser: Dr. Hanan Lutfiyya,
Concentration: Computer Science,
Thesis Topic: Mapping BPEL Process to Diagnostics Models,
GPA : 82.5 % (Very Good).

Bachelor of Science, (Sept 2003 to Feb 2007)
The Department of Computer Science, Faculty of Science,
King Abdullaziz University, Jeddah, Saudi Arabia,
Concentration: Computer Science,
GPA : 4.17 out of 5 (Very Good).

SEMINARS

- Ghandorh, H. Implementation of Employees Performance System Using Fuzzy Logic, In: *IEEE London the Electrical and Computer Engineering Graduate Symposium 2013*, London, On, Canada, July 24-25, 2013.
- Ghandorh, H. In Need of a Domain Specific Modeling Notation for Smartphone Applications with Portable Capability. In: *IEEE London the Electrical and Computer Engineering Graduate Symposium 2015*, London, On, Canada, May 12-14, 2015.

PUBLICATIONS

- Ghandorh H. and Lutfiyya H. (2015). **Automated Mapping of Business Process Execution Language to Diagnostics Models**, In *Proceedings of the 5th International Conference on Cloud Computing and Services Science*, pages 251-259, DOI: 10.5220/0005430702510259.

- Ghandorh, H., Capretz, L. and Nassif, A. (2015) **In Need of a Domain-Specific Language Modeling Notation for Smartphone Applications with Portable Capability**, *Mobile Web and Intelligent Information Systems*, pages 218-227, DOI: 10.1007/978-3-319-23144-0_20.
- Ghandorh, H., deRibaupierre, S., Eagleson, R., (2016) **AR Targeting Task Simulator for the Planning and Training of a Neurological Procedure**, *Mobile Web and Intelligent Information Systems*, submitted.

PAPERS IN PREPARATION

- Ghandorh, H., BouNassif, A., **Application portability measurement: A systematic literature review**, [in progress].

ACADEMIC SERVICE

Guest Lecturer,

(Mar 25 2015)

Topic: Introduction to Big Data,
King Collage, London, On, Canada.

TEACHING EXPERIENCE

Teaching Assistant,

The Department of Electrical and Computer Engineering, Faculty of Engineering,
Western University, London, On, Canada,

- SE2250: Software Construction: **(Sept 2013 to Dec 2013)**
 - Assisted students with needed procedures for completing and submitting class work (i.e. lab reports and assignments).
 - Carried out assessment activities of reports, exams, and presentations.
 - Attended designated lectures and meetings of student specific support team during paid work hours.
 - Attended midterms and proctoring with other colleagues.
- SE4450: Software Engineering Design II: **(Sept 2012 to Apr 2013)**
 - Carried out assessment activities of reports and presentations.
 - Attended designated lectures and meetings of student specific support team during paid work hours.

COMPUTER SKILLS

Software Development:

- Programming Languages & IDEs: C#, Java SE, HTML, XML, MS-DOS and Linux scripts, Eclipse, Netbeans, IntelliJ, Dr.Java, QNX Momentics, Xcode, Android Studio, MS Visual Studio 2013 express, Unity3d game engine, Vuforia API SDK.
- Operating Systems: Client-side (Windows, Unix, Linux (Redhat, CentOS, Ubuntu), Apple OS X, Blackberry 10, iOS 8, Android, Windows Phone 7), Server-side (MS Exchange Server 2007, Windows Server 2003, and Nortel telephony system).
- Databases: MySQL Server 5.5.8 (Connector/J), and MS Access.
- Design Software: Unity3d game engine, Blender, yEd, GIMP.
- Statistical Analysis Software: MATLAB, SPSS, R.
- Information/Internet Technology: MAMP, Apache (Axis2, Tomcat, Ant, TCPMon), Wordpress, FTP clients (FileZilla), VoIP clients (GoToWebinar Citrix Online).

- Software: MS Office 2007, MS Visio 2007, OpenOffice.org, Google Docs, iWork, Quick Time, iTunes, iMovie, iPhoto, VirtualBox, VMware workstation, Doodle, Qualtrics, SurveyMonkey, SSH client (Putty), FTP clients, Hadoop, Textpad, Notepad++, Vim, Dropbox, SpringLoop, Texmaker, Evernote, Wunderlist.

Testing:

- Black-box testing: used to check the output of a program is as expected, given certain inputs.

Software Development Practices:

- Project management: I used to work on a single part on a project and received a feedback on it.

**WORK
EXPERTISE**

Lecturer, **(June 2014 to Present)**
 Computer Science Department,
 The College of Computer Science and Engineering,
 Taibah University,
 Madinah Al Munawarah,
 Saudi Arabia, P.O. BOX 30002

Webmaster Assistant, **(Jan 2008 to Mar 2008)**
 IT Department, Deanship of Graduate Studies,
 King Abdullaziz University, Jeddah, Saudi Arabia:
 - Updated site content and checked for style and appropriateness.
 - Troubleshooted site technical problems.

Computer Support Person, **(Apr 2007 to Dec 2007)**
 IT Department, MedNet Insurance co.,
 Alesayi Trading company, Jeddah, Saudi Arabia:
 - Imported and backed up insurers information.
 - Provided user/email/company ERP system accounts.
 - Installed, updated, and troubleshooted users hardware and software.

WORKSHOPS

- *Mitacs Steps, Canada:*
 - Managing Projects, Art of Conversation, Becoming an Entrepreneur, Proactive Communication Skills, Practice Your Presentation Skills, Effective Networking.
- *Teaching Support Centre, London, Canada:*
 - Certificate in University Teaching and Learning :(In process).
 - The Language of Conference Presentations, Making the Most of Office Hours, Writing Effective Learning Outcomes, Writing a Teaching Philosophy Statement, Course Design, Building Your Portfolio for a Career in Academia.
- *Miscellaneous:*
 - The Success or Failure of Strategic Planning (Webinar) by Prof. Graham Spanier.
 - Qualtrics Survey Tool Training : Getting Started with Qualtrics-Advanced Survey Building-Reporting, Qualtrics Company.

EXTRA-CURRICULAR ACTIVITIES

- Member at London Western Toastmaster Club (**Nov 2014 - Present**).
- Webmaster of Saudi Arabian Cultural Club in London Ontario (**Feb 2012 - Dec 2013**).
- Java Tutor in TheSaudiLab YouTube Channel (**Nov 2011 - Present**).
- Student Society Member in Cultureworks ESL (**Nov 2008 - Apr 2009**).

REFERENCES AVAILABLE TO CONTACT (GRADUATE SCHOOL)

- Dr. Roy Eagleson, Professor, The Department of Electrical and Computer Engineering, Western University.
 - E-mail: eagleson@uwo.ca
 - Phone: +519-661-2111 x. 88215
- Dr. Hanan Lutfiyya, Professor, The Department of Computer Science, Western University.
 - E-mail: hlutfiyy@uwo.ca
 - Phone: +1-519-661-2111 x86888
- Dr. Michael Bauer, Professor, The Department of Computer Science, Western University.
 - E-mail: bauer@csd.uwo.ca
 - Phone: +1-519-661-3562

REFERENCES AVAILABLE TO CONTACT (UNDER-GRADUATE SCHOOL)

- Dr. Kamal Jambi, Professor, The Department of Computer Science Department, King Abdullaziz University.
 - E-mail: kjambi@kau.edu.sa
 - Phone: +966 695-1314 x51314
- Dr. Fathy Eassa, Professor, The Department of Computer Science Department, King Abdullaziz University.
 - E-mail: fathy55@yahoo.com
 - Phone: +966 640-0000 x67510