# KHALED M. ABD EL GAWAD

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#### PROFESSIONAL EXPERIENCE

### KING ABDULLAH UNIVERSITY FOR SCIENCE AND TECHNOLOGY KAUST- Jeddah, Saudi Arabia

4/2014 till now

#### Multimedia/Visualization Product Manager

- Design and develop 3D web application and interactive flash visualization for point cloud data.
- Construct 3D digital model based on point cloud data.
- Provide research support for Visual Computing Center Staff regarding 3d modeling and virtual environment.
- Produce multimedia, video and interactive presentations based on targeted customer scenario.

### CIIVILSOFT - Alexandria, Egypt

7/2011 to 4/2014

### Multimedia Product Manager

- Act as Business Development Manager in MENA Region for Mishkat Consulting Group (MCG) Company; a sister company of Civilsoft, Managing clients' prospecting, reaching and meeting processes.
- Design, develop and implement Leadership courses and workshops for civilsoft Egypt senior staff.
- Design and implement a performance evaluation framework for Civilsoft Egypt staff.
- Develop and design all communication materials (interactive and self running presentations brochures demos) to promote all software applications that produced by the company.
- Develop and design training simulations for computer based training activities.
- Develop governance management system GMS prototype using Flash Action Script 2 language.
- Lead and implement a business culture initiative called "Break-to-make" after developing a gab analysis to identify the most important values and knowledge gabs that need to be covered and transferred in weekly sessions. Additionally, producing all the required communication materials needed such as: interactive presentations, self-running presentations, posters and team building activities.
- Gather and analyze requirements for four software web applications: HCMS "Human Capital Management System", Housing management, Asset Management application and GMS "Governance Management System".
- Develop and design wire-frame screen design for different software applications.

#### MUBARAK CITY FOR SCIENCE AND APPLICATION TECHNOLOGY - Alexandria, Egypt

5/2011 to 7/2011

### Computer Graphics and Virtual Reality Lab Manager

- Provide technical consultancy in visualization, software development and multimedia best practices and tools.
- Develop 3D reconstruction model for three historical places in Egypt based on laser scanning point cloud data:
   KARNAK temple at Luxor city, SITY Tunnel and Memnon Clossus.
- Conduct technical research about virtual reality applications in the cultural heritage in Egypt.

# PYLON GROUP- Alexandria, Egypt

5/2010 to 5/2011

### Multimedia Project Manager

- Develop and design multiple dynamic website using Joomla web content management system.
- Develop and design virtual reality simulation for different projects.
- Develop and Design different multimedia communication materials (Architectural visualizations presentations printings corporate brands)

# **BOOZ ALLEN HAMILTON** – Alexandria, Egypt

9/2007 to 5/2010

# Lead Multimedia Designer, November 2008 - May 2010

- Lead a team of 3 multimedia designers in developing instructor-led training for Egyptian Navy.
- Provide the instructional designers team with consultancy work on how to use the multimedia in the classroom activities.
- Design and develop SCORM compliant interactive and self running computer based training.
- Design and develop interactive 2D/3D learning activities for Egyptian Navy curriculums.
- Design and develop exterior, interior and virtual reality simulations for architectural visualization demonstration purposes.

## Web and Multimedia Designer, September 2007 - November 2008

Providing multimedia products and consultancy to develop multiple web and desktop applications.

# PYLON GROUP- Alexandria, Egypt

7/2006 to 9/2007

Web and Multimedia Designer (Full time), July 2006 - September 2007

• Designed and developed web and windows applications interfaces, architecture visualizations, (self running and interactive) presentations, corporate identity for clients (individuals and companies) and (posters – brochures – outdoor ads - flyers).

**INFORMATION TECHNOLOGY INCORPORATION (ITINC)** – Alexandria, Egypt

8/2005 to 7/2006

#### Project Manager

- Managed "EGMATION" subsidiary entity of ITInc. http://www.khaledarch.com/egmation
- Scheduled, monitored, and tasked small and medium size multimedia projects to a team of 28.
- Designed and Developed (self running / interactive) presentations.

### RELATED PROFESSIONAL SKILLS

**Languages:** Arabic, Mother tongue ▲ English, fluent ▲ French, beginner

Technology/Languages: Java, C, C++, XML, Flash Action script 2 and 3, VRML, HTML, CSS

**Applications**: Autodesk 3D Max, AutoCAD, Google Sketch up, CorelDraw, Rihno3D, Poser 3D, Adobe CS6 Design Suite, Adobe Live Cycle, Microsoft Office Suite, Microsoft Project, Microsoft Visio, Balsamiq Mockup wire-frame, Articulate Studio for E-Learning, Lectora, Geomagic, Esperient Creator, Capturing Tools (Snag it – Camtasia Studio – Corel Capture - Captivate)

#### RELATED EXPERIENCE

- **Developers Egypt for Training and Consultancy DTC Project.** September 2013, re-brand and re-position the whole business practice by providing a new website design and development.
- *IRAQ Embassy Building 3D Re-Construction Project*, Mubarak City for Science & Technology, February 2012. Providing a complete 3D modeling and full architectural drawings for the building based on 3D laser scanning data.
- *Rhino Script Instructor*, King Abdullah University for Science and Technology, April 2011. <a href="http://www.geo-arabdesign.com/training/2011/student-training-rhino-2011.html?submenuheader=99">http://www.geo-arabdesign.com/training/2011/student-training-rhino-2011.html?submenuheader=99</a>
- 3DMax Software Instructor, Information Technology Institute, March 2007 to Present
- Adobe Director Software Instructor, Information Technology Institute, April 2010 to Present
- <u>Virtual Luxor Application</u>, Mubarak City for Science & Technology, January 2008. Develop 3D interactive walkthrough web application. <a href="http://www.khaledarch.com/virtualluxor/">http://www.khaledarch.com/virtualluxor/</a>
- <u>RIPECAP Application</u>, Institute of Graduate Studies and Researches, Alexandria University, June 2008, Designed a user friendly web interface and corporate identity for the whole project. <a href="http://www.ripecap.net">http://www.ripecap.net</a>

### **EDUCATION & CERTIFICATIONS**

- University of Alexandria, Institute of Graduate Studies & Researches, MSc. Information Technology, 2009
- University of Alexandria, Institute of Graduate Studies & Researches, Diploma Information Technology, 2006
- Information Technology Institution, Diploma Information Technology, Multimedia Platform, 2005
- University of Alexandria, Faculty of Engineering, B.S. Architecture Engineering, 2004

# **SCHOLARSHIPS & AWARDS**

- Full scholarship to study Advances Geometry Architecture in Vienna University of Technology, July 10-24, 2010
- Full scholarship to study Multimedia in Information Technology Institute ITI, Egypt, 2004 2005
- First prize in Geo-Arab-Design group student competition, June, 2010 <a href="http://www.geo-arab-design.com/student-competition-2010.html?submenuheader=1">http://www.geo-arab-design.com/student-competition-2010.html?submenuheader=1</a>
- First prize in Schutz American School Logo Design Contest, May 2009 http://www.schutzschool.org.eg
- First prize in ITI 2<sup>nd</sup> International Digital Media Conference DIGIMEDIA, March 2005
- Appreciation awards from Booz Allen Hamilton Company, February and June, 2009

#### **TRAINING**

- Advanced on-the-Job Training in Innovation, Strategic Management, Marketing, Human Resources, Business Planning, Bids management, Business Communications.
- Effective Business Writing Workshop at AMIDEAST, Egypt, 2013
- PMP Exam Preparation Course, CMCS Egypt, 2012
- IBT Preparation Course, 2010
- Advanced English conversation, 2010
- BAH Management People for Peak Performance workshop, 2009
- English courses at AMIDEAST (reached level 13 starting from Level 11), 2009
- Advanced On-the-Job Training in Curriculum Design and Development (ADDIE), 2009
- Diploma, Neuro Linguistic Programming (NLP), 2008

### **PUBLICATIONS**

Thesis, Interactive Walkthrough in Virtual Cities and its Applications in Urban Design, MSc., 2009, In Information Technology, Alexandria University, Institute of Graduate Studies and Researches.

#### **AFFILIATIONS**

# REFERENCES

Dr. Walaa Mohamed Sheta Acting Dean

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