Jumana Almahmoud

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EDUCATION

University of Michigan, School of Information- Ann Arbor, MI [May 2015]
Master of Science in Information| Specialization: Human-Computer Interaction

High Institute of Advanced Technology- Riyadh, Saudi Arabia [April 2012]
High Diploma in 3D Modeling and Animation

King Saud University- Riyadh, Saudi Arabia [February 2010]
Bachelor of Science in Computer and Information Sciences

SELECTED EXPERIENCE AND RESEARCH

University of Michigan – Ann Arbor, MI | *Teaching Assistant* [Winter 2014]
- Manage the course **Video Games and Learning** as part of my independent study.
- Coach students to research different games and analyze the game design.
- Grade students' papers and assignments and provide constructive feedback.

Center for Complex Engineering Systems at MIT & KACST – Cambridge USA & Riyadh KSA | *Research Specialist* [2011-2013]
- Performed system analysis through interviews and surveys.
- Lead a project to gather data from key stakeholders though interviews and surveys.

Index Holdings Co. - Riyadh, KSA | 3D Modeler & Animator [2010-2012]
- Responsible for: Character design, Sketching, Storyboard, 3D modeling, animation, rendering, composition, particles and fluids, special effects, voice acting.
- Collaborated with the animation staff from Dynamo Pictures, Inc. - ダイナモピクチャーズ in a six episode animation (20 minutes each).
- Researched the market for content localization and development.

Cisco Systems – Riyadh, KSA | *Intern* [Summer 2009]
- Collaborated with the Saudi Telecom Company (STC) on marketing telepresence in the region.
- Wrote weekly reports about the workflow and created multimedia content to describe the work environment to new employees.

PROJECTS

Master Plan Public Involvement with The city of Jackson, MI [2014]
- Designing solutions for public engagement
- Interviewing stakeholders and gathering data.

AllMusic.com [2014]
- Evaluate the usability, usefulness, and acceptability of the system.
- Interview stakeholders. Perform qualitative and quantitative analysis.
- Write reports and give presentations that effectively communicate the results.

Dexter Health Center, University of Michigan Health System [2013]
- Analyzed internal communication flow using contextual inquiry methods.
- Developed recommendations to improve workflow efficiency.

SKILLS

UX Research and Design:
Interviewing| Usability Testing| Comparative Analysis| Survey Creation and Analysis| Prototype Development| Storyboarding| Wireframing| Contextual Inquiry| Interaction maps| Personas and scenarios

Animation
3D Modeling using Maya| Character Design| Rigging | Animation| After Effects| Photoshop| Scenario| Drawing| Voice acting

Software Engineering
Requirements gathering| System analysis| Modeling| Documentation| HTML | JavaScript

Languages Fluent in English and Arabic, Beginner level in Japanese

SELECTED TRAINING

Advanced Gamification, GSummit, San Francisco [2013]
Documenting Software Architectures, CMU – Software Engineering Institute– Pittsburgh [2012]
New Approaches to Leadership for Entrepreneurs Managers & CEOs, MIT Entrepreneurship Center [2011]
Evaluating Business Ideas and Lectures on Entrepreneurship, Cornell University & BADIR-ICT [2011]

AFFILIATION

UM Student Org for HCI [2014]
UM Informative Gamers [2014]
UM Wolverine Soft/game dev [2014]

SELECTED PUBLICATION

Almahmoud, Aljumana. "Research notes from the Kingdom." The International Resource Journal 4.6 (2012): 74-81.
http://www.internationalresourcejournal.com/ Web. 1 June 2012.