Omar M. Al-Ithawi

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Employment

Sr. Software Engineer

Queen Rania Foundation - Edraak

June 2014 - Present

- Led and implemented a secure transparent registration for ForUs (3rd party platform) users
- Did a major contribution to the edX-platform right-to-left UI
- Crafted an Arabic RTL PDF-certificate engine in Python

Technical Team Leader

Egra Tech, LLC

April 2012 - June 2014

- Led the technical team to create the first stable MVP -- a desktop HTML5 and Java client Amazon-hosted PHP REST API
- Initiated and successfully finished the company's first big sale for the same MVP
- Supervised 3-4 software engineers and improved the joel test score from 0 to 6

Full Stack Engineer

TipnTag, LLC

September 2011 - April 2012

- Developed 80% of both the front-end and the back-end of the app -- I was the core contributor
- Designed and developed the REST API for mobile app

Sr. Web Application Engineer

Semantic Intelligent Technologies

August 2009 - September 2011

- Developed mealadvisors.com which enabld SIT to become a software firm form a marketing sites development firm
- Trained a fresh software engineer on Zend Framework and related technologies to develop darebnitv.com
- Developed many marketing websites

Education

Princess Sumaya University for Technology

Amman, Jordan

October 2011 - Present

MSc Information System Security and Digital Criminology

Expected Graduation Date: June 2015

G.P.A. 93.10%

• Thesis Tentative Title: Simple Access Control for postMessage API in Unmodified Browsers

Al-Ahliyya Amman University

Amman, Jordan

October 2008 - June 2011

BSc in Computer Science

Top on class 2011

G.P.A. 92.3%

Technical Experience

Projects:

- Right-to-Left UI for edX (2014). Added RTL support to edX (with other two contributors). Sass, Python, RTL.
- **Recitation Tutor (**2012 2014**).** Quran (Arabic) learning app, which uses speech recognition to evaluate users recitation. AngularJS, Node.js, and Bootstrap.
- **MealAdvisors.com** (2010). Social network for food and beverage where users can find and review restaurants and cafes. Zend Framework, Doctrine ORM, with single-page-app experience.
- **TipnTag.com** (2012). Local question and answers network, where users gets specific tips from local people with map location. Zend Framework, MySQL, jQuery with django-like admin panel.

Languages and Technologies

- JavaScript, CSS, AngularJS, Python, Django, Open edX platform
- PHP, Zend Framework, Doctrine ORM, MySQL
- Gnu/Linux Bash, PyCharm, NetBeans, InkScape, GIMP