

## Employment

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**Staff Software Engineer** **Appsembler** **September 2017 - Present**

- Trained the team's software engineer and helped designing 6 new microservices and 10 python packages
- Led tens of Open edX Learning Management System installations for customers from US, UK and Malaysia
- Led the testing improvement at the Tahoe product from 0 to 47% coverage

**Software Development Assoc Mgr** **Queen Rania Foundation - Edraak** **June 2014 - September 2017**

- Led the Open edX team to maintain the Edraak platform with automated testing and continuous integration
- Developed the world's first web-based Arabic math rendering library as a MathJax extension
- Contributed to the growth of Edraak from 16k learners to 1.3M, through 200+ internal and 30+ open source pull requests

**Technical Team Leader** **Eqra Tech, LLC** **April 2012 - June 2014**

- Led the technical team to create the company's first working MVP -- HTML5 desktop app with AWS-hosted REST API
- Supervised 3-4 software engineers and improved the joel test score from 0 to 6

**Senior Software Engineer** **August 2009 - April 2012**

- Led the TipnTag.com software engineering efforts @ **TipnTag, LLC** (2012)
- Trained a fresh software engineer on to lead darebnitv.com @ **Semantic Intelligent Technologies** (2011)
- Led the MealAdvisors.com a social network around food and restaurants @ **Semantic Intelligent Technologies** (2010)

## Education

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**Princess Sumaya University for Technology** **Amman, Jordan** **October 2011 - Aug 2015**

G.P.A. 93.10%

MSc Information System Security and Digital Criminology

- **Thesis 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

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### Notable Projects:

- **Arabic for MathJax** (2014): An extension for MathJax to display Arabic mathematical equations in Arabic.
- **Edraak Marketing site** (2015): Modern, responsive Django-based marketing site with edX platform integration.
- **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) and **TipnTag** (2012): Specialized social networks in which I've used Zend Framework, Doctrine ORM, with single-page-app experience, MySQL.

## Languages and Technologies

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- Python, Django, Open edX platform, MySQL, JavaScript, React, Git, Cloud Computing, Docker.