

# Mohamed Soliman



3222 25th Street, San Francisco, CA 94110, USA

+1 415 413 6512

mohamed.soliman@aalto.fi

[3osman.xyz](http://3osman.xyz)

## SUMMARY

I am a highly-motivated, fast-learning, and team-type full stack Rails developer, I also work on all aspects of product design.

## EDUCATION

### Aalto University, Finland

2015 - Current (Expected Graduation Date: October 2016)

Master Degree in Human-Computer Interaction and Design, with focus on User Modeling for Advanced HCI

### Paris-Sud University, France

2014 - 2015

Master Degree in Human-Computer Interaction and Design, 16.5/20

### Alexandria University, Egypt

2007 - 2012

Bachelor Degree in Computer and Systems Engineering, 84.4%

## EXPERIENCE

### Product Design/Engineering Intern | Le Tote

#### San Francisco, USA

February 2016 – September 2016

The internship is divided into two phases as follows:

#### 1- Product Design

- Revisiting the full life cycles of current product features and enhancing them, with focus on micro interactions, using prototyping software (Principle, InVision).

- Designing the full user experience of new features to be added to the application on different platforms.

#### 2- Engineering

- Working closely with the data analytics team on building a recommender system

- Building a topic modeling system out of user reviews for customer support, and integrating it into looker

### Software Developer | Eventum IT Solutions Alexandria, Egypt

January 2014 – September 2014

- Team leader for a project implementing an automated dashboard capability for the Mobinil Packet Core Network using Spring MVC and elastic search
- Scripting and web development using Ruby on Rails

### Teaching/Research Assistant | Alexandria University, Egypt

February 2013 – June 2014

- Teaching assistant for computer vision and pattern recognition courses
- Research assistant in computer vision with Assistant Professor Marwan Torki

### Software Developer | Egyptian Navy

November 2012 – November 2013

- Two main projects using C# and java; one is an implementation for an algorithm of privacy preservation within data mining systems, the other is a map-based desktop application for radar monitoring.

### PUBLICATIONS

- ☐ Mohamed Soliman, Hamed R.-Tavakoli and Jorma Laaksonen:  
Towards Gaze-based Video Annotation. International Conference on Image Processing Theory, Tools and Applications 2016 (**Under Review**)

### TECHNICAL SKILLS

- ☐ Java/Javascript
- ☐ Python
- ☐ Rails/Ruby
- ☐ C++
- ☐ HTML/CSS
- ☐ AngularJS/nodejs
- ☐ MongoDB
- ☐ Postgresql/mysql
- ☐ Matlab
- ☐ Computer Vision/Image Processing
- ☐ Machine Learning
- ☐ Interaction Design
- ☐ Concept Design
- ☐ Prototyping

### EXTRACURRICULAR ACTIVITIES

- ☐ Attended EIT Digital Summer School on Security and Privacy in Digital Life, Trento university, Italy
- ☐ Volunteer in Slush 2015
- ☐ Former co-head of the networking committee at YES (Youth Entrepreneurship and Sustainability) Egypt
- ☐ Organized Software Freedom Day 2010 in Alexandria University
- ☐ Attended Cairo Code Camp 2010, CairoCodeCamp is a two days conference focuses on software technologies, with 20+ speakers and 40+ different sessions on various tracks.
- ☐ Attended g-egypt 2010, Google day in Cairo
- ☐ Attended United Nations Summer School 2011 in Portugal