






# maya kreidieh

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## PROJECTS

### THINGSJS (2013 - current) :

Built a Library of Web Components to connect physical devices to the DOM. *HTML5, Polymer, Websockets, Arduino, NodeJS*

**DATA VISUALIZATIONS** (2013 - Current) : Created visualizations around civil society issues in Lebanon and the Middle Eastern Region, as well as promoted Open Data.

## LANGUAGES

**NATURAL** : English and Arabic.

**ARTIFICIAL** :

- C++, Java, TEX, Matlab, Processing, Python, OpenGL, OpenCV, Arduino, OpenFrameworks
- Web development : Javascript, CSS, HTML, NodeJS, Backbone, JQuery, D3JS
- Design: Illustrator, InDesign

## AWARDS

Dean's award for Creativity (2012)  
Murex Software Award (2012)  
Dean's honor list (2008-2010)  
Presidential Award for Excellence (2008)

## PUBLICATIONS

Speaker at SHARE Beirut conference, 2012, *What is a hacker?*

Bernard Ghanem, Maya Kreidieh\*, Marc Farra\*, Tianzhu Zhang, "Context-Aware Learning for Automatic Sports Highlight Recognition", International Conference on Pattern Recognition (ICPR2012)

I'm a front-end engineer with a passion for visualizing data and designing meaningful experiences around it.

## EDUCATION

*Fall 2014*

**CARNEGIE MELLON UNIVERSITY**, Pittsburgh, PA  
Masters of Human-Computer Interaction

*2012*

**AMERICAN UNIVERSITY OF BEIRUT**, Beirut, Lebanon  
B.S. Computer and Communications Engineering , Minor in Math. Cumulative gpa : 3.63

## EXPERIENCE

*Summer/Fall 2013  
Lebanon*

### INDEPENDENT CONTRACTOR

(Democracy International), Lebelect Platform

- Created a real-time web application to track social media related to the lebanese elections.
- Designed multiple UX layers to enhance user interaction with real-time data
- Created visually compelling maps to highlight inequalities in Lebanon's voter trends  
*NodeJS, Express, Backbone, Socket.IO, Mapbox, Tile-Mill, LeafletJS*

*March 2013  
Lebanon*

### WEB DESIGNER/DEVELOPER

Farra.com

- Designed and implemented a new look for a high-end luxury furniture gallery's website.  
*Backbone, Static website*

*Summer 2011  
Singapore*

### RESEARCH ASSISTANT

Advanced Digital Sciences Center

- Created an automatic video segmentation system for a large (TB of data) video dataset
- Worked on a multi-modal, context based highlight detector for sports video  
*MATLAB, Computer Vision, Image Processing*

*2013  
Lebanon*

### FOUNDER & CO-DIRECTOR

Lamba Labs

- Founder of first hackerspace in Beirut to promote the maker scene.
- Coordinated board meetings, events, hackathons & workshops.
- Gave multiple workshops on Arduino and Processing.