maya kreidieh

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

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)

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, TileMill, 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.