OLIVIA JACK

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EDUCATION

Stanford University, Stanford, CA
BS in Engineering—Product Design, Minor in Computer Science, 9/07 - 6/11
Coursework in Human-Computer Interaction, Manufacturing, Programming Methodology,
Electronics, Urban Design, Digital Art

WORK EXPERIENCE

6/11 - 9/14 **Media Exhibit Developer**, Oakland Museum of California, Oakland, CA
Created exhibits about natural science in California as part of an interdisciplinary
team. Designed and programmed educational interfaces for use in the gallery.

1/11 - 6/11 **Data Visualization Specialist**, Spatial History Lab, Stanford University, CA
Prototyped applications of data visualization in humanities and social sciences.

6/10 - 8/10 **Programming Intern**, Alea Technologies, Teltow, Germany
Created an eye-gesture-based writing application for computer users with limited
speech and motor control.

6/09 - 6/10 **Flash Developer**, Biomechanical Engineering Dept, Stanford University, CA
Designed and developed games for learning about electrical activity and blood
flow through the heart.

RECENT PROJECTS

Laboratory of Possibilities, Oakland Museum of California, Oakland, CA. Jun 2014
Created participatory media installation exploring dystopian and utopian futures through
storytelling. Permanent exhibit in Natural Sciences Gallery.

Anti-Eviction Mapping Project, San Francisco, CA. Sept 2013 - Present
Co-founded volunteer storytelling collective documenting gentrification and displacement in
the San Francisco Bay Area. Created time-lapse maps of evictions.

Oakland Then and Now, Oakland Museum of California, Oakland, CA. Jun 2014
Produced map-based exhibit for exploring historical ecology in the East Bay.

PRESENTATIONS

"Drawing with code: Javascript and analog creativity", CaliJS, Universidad Javeriana, Cali,
Colombia. Oct 24, 2014
"Workshop: Mapping Repression and Resistance in the Bay Area", LOL Oakland Makerspace,
Oakland, CA. Aug 17, 2014
 "Intro to Creative Coding" Bay Area Video Coalition, San Francisco, CA. Mar 28, 2014
"Ellis Act Evictions". Mapping and its Discontents, UC Berkeley, CA. Nov 1, 2013

SKILLS

Programming: Javascript, Processing, C++, C, Actionscript
Design: Illustrator, Photoshop, Solidworks (CAD), ArcGIS
Language: working knowledge of Spanish and German