SAMUEL JACOBY

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EDUCATION

MIT Media Lab *Media Arts & Sciences*   MS 2013 *(expected)*

Master's student in the High-Low Tech research group (fully-funded), researching the implications of technology design through storytelling, craft, and DIY-electronics.

Harvard University   *Computer Science & History (secondary)*   AB 2009

Citation in Spanish, Weinstein Prize in Jewish Studies, PBHA Service Grant, Center for the Environment Research Grant, Rockefeller Ctr. for Latin Amer. Studies Summer Internship Grant.

EXPERIENCE

MIT Media Lab   *Research Assistant (advisor, Leah Buechley)*   September 2011 – Present

Researching tools to enable the creative construction of technology. Focus on expressive storytelling, music-making, game-playing & sketchable electronics. Extensive experience with conductive materials, inks, and printable electronics. Led workshops in Paris, Chicago, the World Maker Faire, MIT Museum, Boston ICA, among others. Coordinated cross-institutional design collaborations. Published on learning toolkits in peer-reviewed conference proceedings.

Three Press Consulting   *Programmer*   Somerville, MA   March 2011 – August 2011

Developed an open-source Python toolkit for verifying digital publishing archives. Worked closely with clients to implement personalized eBook platforms for mobile.

Harvard University   *Presidential Instructional Technology Fellow*   Cambridge, MA   Nov. 2010 – Feb. 2011

Supported technical development of tools used in classrooms and library programs, implementing custom collaboration software and accompanying web-portals for student use.

Gutenberg Museum   *Fellow*   Mainz, Germany   June 2009 – April 2010

Apprentice at a traditional printing press. studying printing, typography, and design in Mainz, the origin of the first printed book. Funded by an Alexendar Booth '30 Fellowship (Harvard).

Shackman Press   *Founder & Proprietor*   September 2008 – Present

Independent hand-printer and publisher of fine books, using traditional tools and presses; expert in typesetting, typography, & book design, as well companion digital-design tools.

OPOWER   *Programming Intern*   Washington, DC   Summer 2008

Cooperated with a small team, implementing an internal content-management system in using an enterprise Java stack at early-stage green-energy technology start-up.

The Nica Times   *Journalist*   Granada, Nicaragua   July 2007 – December 2007

Full-time reporter for a local English-language newspaper; independently pitched stories & pursued leads; traveleled widely, conducting Spanish-language interviews and publishing weekly.

SKILLS & INTERESTS

C, C++, Python, JavaScript, Java, Ruby, Coffeescript, SQL/NOSQL, MVC web-app frameworks, Git, Hg, HTML/CSS, circuit layout & fabrication, shell scripting, avr programming, CAD software, digital-fabrication tools, machine/woodshop, Adobe CS
Proficient Spanish & German

WHRB 95.3FM DJ & Boardmember; Freshwater aquaria enthusiast