YOAV STERMAN

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Portfolio: http://web.media.mit.edu/~sterman/

PROFESSIONAL EXPERIENCE:

2011- present: **Research Assistant**, MIT Media Lab , Mediated Matter research group

2008- 2011:   **Industrial design department manager**, SYNERGY , Israel

- Designed complex products combining mechanical mechanism and electronics
- Worked with clients, including Motorola, GP, Energizer, hi-tech companies, biotech companies and development greenhouses of the Technion, Haifa
- Developed design methodologies and work methods
- Instruct and mentor young designers
- Plan strategy and milestones for projects and build price quotes
- Established project management and time management system
- Negotiated vis-a-vis clients and suppliers

2007-2008:   **Industrial designer**, LIBRUS , Israel

- Designed products from the concept stage through the planning stage for injection molds

2006-2007:   **Industrial designer**, TAGA , Israel

- Devised design solutions for complex engineering challenges of medical products

2006-2007:   **Programmer and web designer**, LuckySkill , Israel

- Built and designed websites
- Developed back office interface for Internet users

2003-2010:   **Freelancer**, web project design and development

2000-2001:   **Lecturer** for web programming, SIVAN, College of Computer Science, Haifa, Israel

2000-2001:   **Lecturer** for web programming, continuing education programs at the Israel Electrical Company

1999:   **Emissary**, THE JEWISH AGENCY

- Was sent to Canada to instruct children and youth at a summer camp

EDUCATION:

2001-2013:   **MAS , Master of science, MIT Media LAB, MIT's School of Architecture + Planning.**

Classes: How to make almost anything, Tangible Interfaces, New Textiles, How to make something that makes almost anything. GPA: 5:0.

2001-2005:   **B.Des**, THE BEZALEL ACADEMY OF ART AND DESIGN, Jerusalem, Israel

2003:   Student exchange, Escolla Massana, Barcelona, Spain

2000:   Web programming course (completion with distinction) SIVAN, College of Computer Science, Haifa

EXHIBITIONS AND COMPETITIONS:

2010: **Designed in Israel 10'** - participated in an exhibition of Israel Designers Community

2009: Was awarded the **Red Dot Design award**, the world's most prestigious design prize, which was awarded for the design of a backup battery charger for cellular phones

2008: **Designed in Israel 08'** - participated in an exhibition of Israel Designers Community

2005: **Dream Makers: Design Meets Technology** - participated in an exhibition at the Israel Museum, Jerusalem, which included works of leading Israeli designers, expressing their vision of 3-dimensional printing technology in the future

PAPERS:

Adding Playful Interaction to Public Spaces Amnon Dekel , Yitzhak Simon , Hila Dar , Ezri Tarazi, Oren Rabinowitz , Yoav Sterman. Intelligent Technologies for Interactive Entertainment- INTETAIN 2005, 225-229

REFERENCES IN PRESS:

02/2006: DO DESIGN ONLY (magazine of design); an article about future products

01/2006: BVD (magazine of design); review of remarkable final projects in Israel

11/2005: AT (women's magazine); review of remarkable final projects in Israel

10/2005: NISHA (magazine of design); review of remarkable final projects in Israel

09/2005: BVD (magazine of design); review of remarkable final projects in Israel

08/2005: NRG (news website), technology channel, article about technological projects in schools of design

07/2005: YEDIOT ACHARONOT (The largest daily newspaper in Israel);design section, remarkable final projects of graduates of design schools of higher educations

COMMUNITY INVOLVEMENT:

2004: Gave art lessons at primary schools through a volunteer education project

COMPUTER SKILLS:

CAD/CAM, programming skills, full command of Solidworks, illustrator, and Photoshop. Digital fabrication and modeling.