

GERSHON DUBLON

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EDUCATION

Massachusetts Institute of Technology, Cambridge, MA

Candidate for the Master's of Science in Media Arts and Science (2011)

Yale University, New Haven, CT

Bachelor of Science in Electrical Engineering (2008), GPA: 3.62

Edward O. Lanphier Memorial Prize in Electrical Engineering (2008)

National Merit Scholarship (2004)

EXPERIENCE

RESEARCH: NETWORKED SENSORS, COMPUTER VISION & IMAGE ANALYSIS

- 2009- Research assistant, Responsive Environments Group, MIT Media Lab, with Joseph Paradiso
- 2008-2009 Post-graduate associate, Embedded Networks and Applications Lab (ENALAB) with Andreas Savvides, focusing on sensing people: camera networks, vision, and sensor fusion
- 2007 *Automatic Detection of Eyespots in Butterfly Wings*: an international collaboration with a Yale evolutionary biologist to develop a robust method for feature extraction and analysis of concentric patterns; Prof. M. Silveira, Instituto Superior Técnico, Lisbon, Portugal

THEATRE AND DANCE: SOUND & LIGHTING DESIGN, ENGINEERING & ELECTRICS

- 2004-2008 Lighting Designer: most recently *A Midsummer Night's Dream* (2007) in the Yale Univ. Theater
- 2006 Assistant Video Designer: *A Futurist Evening*, Beinecke Rare Book Library at Yale University; collaborating with Professor Matthew Suttor and graduate composers, performers
- 2005 Lighting Technician: Uchizono Dance Company; Danspace Project, St. Mark's Church
- 2004 Sound Engineer: International Dance Festival NYC, The Duke on 42nd Street; 6-week run

MUSIC: COMPOSITION, APPRENTICESHIP, STUDIO RECORDING, PERFORMANCE

- 2006-present Recent work includes *semblance*, a large-scale photo compositing interactive installation, on display at the Yale Department of Music; and *The Small Figure 3*, a short piece for bassoon based on the Jasper Johns painting of the same name, performed at the Yale Univ. Art Gallery
- 2004-2007 Conductor's Assistant: Johannes Somary, music director of AmorArtis and the Cathedral of St. Patrick, NY; coordinated concerts; recorded for Somary and singers; built website
- 2005 Summer Intern: The Loft Recording Studio/Syndicated Rhythm Productions, New York

HUMAN RIGHTS AND ACADEMIC INTERNSHIPS: COMMUNICATIONS, TECHNOLOGY, WEB DEVELOPMENT

- 2002 Internship: Human Rights Watch; established contacts with journalists and newsrooms around the world; collected and presented press coverage; assisted web development
- 2001 Internship: Columbia University Department of Medical Informatics; making key design changes to website, implementing search capability for large medical database
- 1998-2000 Internship: Women's Commission for Refugee Women and Children; built website, acted as webmaster; oversaw transition to staff webmaster; led training in basic web design

SKILLS

- *Programming Languages*: C/C++, Matlab, Max/MSP, Processing, VHDL, Lisp, JavaScript, HTML
- *Machine Shop*: CNC Mill, Lathe, MIG/TIG/Gas welding, design and fabrication
- *Software*: Visual Studio, Matlab, Vectorworks, Max/MSP, Photoshop, Final Cut, Pro Tools
- *Audio-visual Production*: Studio recording, live sound, video mixing and projection, lighting design
- *Foreign Languages*: Fluent (native) conversational Hebrew, Spanish, Basic Portuguese