

# Liat Litwin

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## EDUCATION

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**Tufts University, Medford, MA- May 2014** Magna Cum Laude

GPA: 3.70, Dean's list

Bachelor of Science in Cognitive and Brain Science, minor in Judaic Studies

Honors and Awards: Psi Chi Honor Society, Maureen O'Donnell Oxford Classical Dictionary Award, Scholar with Honor

## RELEVANT COURSEWORK

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Intro to CS, Data Structures, Web Programming, Human Computer Interaction, Object Oriented Programming for Graphical User Interfaces, Graphic Design

## RELATED EXPERIENCE

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**Tufts University Web Programming Course Semester Project**

April 2014

- Developed a working web application for debt consolidation in a team of 4 classmates
- Contributed significantly to the planning and coding of the entire project, taking lead in the front-end design component, using HTML/CSS/jQuery/Javascript and Bootstrap
- Accessible at <http://ioyou-app.herokuapp.com/> (log-in as 'user' and password '123')

**NSF Research Experience for Undergrads (REU): Emerging Interface Technologies and Human Computer Interaction**

*Iowa State University's Virtual Reality Applications Center (Human Computer Interaction department)*

May-August 2013

- Engaged in coursework on the fundamentals of user experience design
- Collaborated with an interdisciplinary team: designing, running, writing about, and presenting a study entitled "Mitigating Cybersickness: A Virtual Hand-Eye Coordination Task"
- Responsible for developing an immersive 3D virtual environment in a head mounted display with Unity3D
- Documented daily activities and projects in online blog: <http://projects.vrac.iastate.edu/REU2013/>

**Senior Project: Using Brain Input for Adaptive Google Glass Information Delivery**

*Human Computer Interaction Lab at Tufts University*

- Developed and integrated an application with Google Glass for research in passive Brain-Computing Interfacing (BCI)
- Managed the programming and design of the primary application, working closely with PhD students to ensure

## WORK EXPERIENCE

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**Digital Design Studio Tisch Library, Medford, MA, Student Assistant, September 2011 – May 2014**

- Provide technical assistance and support for students in Apple iMovie, Final Cut Pro, and Adobe Suite

**Computer Courage, Berkeley, CA, Media Tech Intern, July – August 2011**

- Greeted customers, provided advice, and did virus removal and computer repair for Mac's and PC's
- Managed the process of salvaging computer parts and recycling the remains for over 25 computers

**Marketing and Communications Tisch Library, Medford, MA, Student Office Assistant, September 2010 - May 2011**

- Edited, designed, and produced in-house marketing media using Adobe Photoshop and Indesign

## ACTIVITIES

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**Tufts Against Genocide (TAG), Tufts University, Chair, August 2011 – present**

- Organized and led weekly meetings among club members and developed an internal education curriculum
- Coordinated logistics for campus-wide events that drew over 200 attendees, including: finding and inviting speakers, coordinating travel, and orchestrating the marketing and publicizing across campus

**Legacy Study Tour; Taube Foundation for Jewish Life and Culture, Germany, Poland, Israel, College Fellow, July 2012**

- Led and educated high school participants on tour throughout Eastern Europe and Israel. Developed various educational components throughout program and provided support for students

## SKILLS

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Languages: Hebrew (speaks fluently, read/writes proficiently)

Programming: C++, Java, Javascript, HTML5/CSS, JQuery, NodeJS, and exposure to OpenGL and C#

Creative Software: Adobe Suite, Final Cut Pro, Autodesk Maya 3D, Unity3D game engine