

Jenna Alyssa Zeigen

jennazeigen.com • jenna.zeigen@gmail.com

Education

Brown University - Sc.B. in Cognitive Science, with honors (3.89 GPA) Providence, RI • 2008 - 2012

- Relevant course experience includes Creating Modern Web Applications; Introduction to Algorithms and Data Structures; Introduction to Probability and Computing; Computational Cognitive Science; and Cognition, HCI, and Visual Analysis
- Honors Thesis: "What's so funny?: Investigating the time-course of lexical access in the processing of puns"

Council Rock High School - South - Valedictorian (4.0 GPA)

Holland, PA • Graduated 2007

Work and Project Experience

Bitly - Software Engineer New York, NY • September 2013 - Present

- Contributes to the redesign and unification of Bitly's products towards more efficient link management and understanding
- Spearheaded project to start using Browserify so to have a better dependency management system
- Enhanced metrics tracking to help gauge use and effectiveness of features

#waywire - Software Engineer New York, NY • February 2013 - August 2013

- Wrote JavaScript and CoffeeScript to drive the interactivity and functionality of the site
- Redesigned the system for identifying embedded videos and wiring them to the network
- Enhanced controllers and views within the Ruby on Rails application

Hacker School - Participant Brooklyn, NY • October 2012 - December 2012

- Programmed novel, in-depth projects exploring various programming languages, technologies, and techniques
- Created full-stack web applications, NLP and image processing scripts in JavaScript and Python
- Discussed and reviewed projects with and providing feedback to other participants and facilitators

Sentence and Discourse Processing Lab - Research Assistant Providence, RI • June 2011 - August 2012

- Worked with Professor Laura Kertz in Brown University's Department of Cognitive, Linguistic, and Psychological Sciences
- Performed independent human subjects research towards an honors thesis on lexical access and lexical ambiguity
- Conceptualized, designed and executed novel experiments about simultaneous activation of homograph meanings
- Collaborated with Professor Kertz in developing experiments investigating language processing and information structure
- Analyzed and formatted large data sets using MATLAB and Python scripts

Instructional and Leadership Experience

Dept. of Cognitive, Linguistic, and Psych. Sciences - Course Developer and TA Providence, RI • June 2011 - May 2012

- Designed a curriculum of tutorials to teach programming skills in MATLAB
- Served as TA for Prof. Thomas Serre's Computational Vision (Fall) and Computational Cognitive Science (Spring) courses
- Wrote and conducted lectures and labs and developed demos, sample code, and documentation
- Conducted bi-weekly office hours to guide students individually through code implementation and program design

Habonim Dror North America - Regional Chapter Founder; Coordinator Boston, MA • June 2007 - May 2012

- Established and coordinated regional informal education program for ages 8-16 (February 2009 - Dec. 2011)
- Planned activities educating about social justice and actualization (February 2009 - May 2012)
- Volunteered teaching English in Israel during gap year program (January - May 2008)

Awards and Honors

New Frontiers Undergraduate Teaching and Research Award Providence, RI • June - August 2011

- Worked closely with Professor Laura Kertz on independent research leading to honors thesis

Astounding New Initiatives Award from Brown/RISD Hillel Foundation Providence, RI • April 2009

- Received for 2008-2009 school year for founding Pro-Israel, Pro-Palestine, Pro-Peace organization

Skills and Interests

Programming Languages: JavaScript (with and without jQuery), CoffeeScript, Python

Other Technical Skills: HTML/CSS

Interests: Playing ultimate frisbee, making mashups, DJing, playing guitar, coffee, puns, networks, patterns, words