Jenna Zeigen

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Education

Brown University - Sc.B. in Cognitive Science, with honors   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"

Work and Project Experience

DigitalOcean - Engineering Manager   New York, NY • August 2015 - Present
- Growing and building teams of engineers across the web stack
- Identifying, prioritizing, and planning work for the team for the short- and medium-term
- Ensuring my team members are growing, happy, healthy, and productive

DigitalOcean - Software Engineer   New York, NY • February 2015 - August 2015
- Drove efforts to convert DigitalOcean's cloud control panel to Ember
- Worked with the design team to create a UI pattern library for use in the control panel and other applications
- Helped build out the initial team of front-end engineers

Bitly - Software Engineer   New York, NY • September 2013 - January 2015
- Contributed to the redesign & unification of Bitly's products to enhance link management & audience insights
- Spearheaded project to start using Browserify to clean up our dependency management story
- Introduced front-end performance monitoring & worked to optimize the application based on collected data

#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 and technologies
- 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's Department of Cognitive, Linguistic, & Psychological Sciences
- Performed independent human subjects research towards an honors thesis
- Designed and executed novel experiments studying human language processing
- Analyzed and formatted large data sets using MATLAB and Python scripts

Dept. of Cognitive, Linguistic, & Psych. Sciences - Teaching Assistant   Providence, RI • June 2011 - May 2012
- TA'ed Prof. Thomas Serre's Computational Vision (Fall) & Computational Cognitive Science (Spring) courses
- Designed a curriculum of tutorials to teach programming skills in MATLAB
- Wrote and conducted lectures and labs and developed demos, sample code, and documentation
- Conducted bi-weekly office hours to guide students through program implementation and design

Conference Talks

JSConf Iceland 2016: "On How Your Brain Is Conspiring Against You Making Good Software"
ForwardJS 5: "On How Your Brain Is Conspiring Against You Making Good Software" (Keynote)
PolyConf 2016: "The Linguistic Relativity of Programming Languages"
DinosaurJS 2016: "Server Farm to Table (or, how the Internet Works)"
RejectJS 2015: "What if your brain were ~*literally*~ JavaScript"
TXJS 2015: "What if your brain were ~*literally*~ JavaScript"
EmpireJS 2015: "The Linguistic Relativity of Programming Languages"
JSConf EU 2014: "The Linguistic Relativity of Programming Languages"

Skills and Interests

Programming Languages: JavaScript, CSS, HTML, Python
Interests: Bouldering, biking, playing guitar, coffee, puns, networks, patterns, words, JavaScript meetups