KATIE ZHU

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SKILLS
PROFICIENT | Ruby, Rails, Python, JavaScript, jQuery, Unix, Git, HTML5, CSS3, InDesign
EXPERIENCED | Backbone.js, AWS, MongoDB, MySQL, Photoshop, Flash and AS3

HONORS AND AWARDS
Fifty for the Future Awardee, a distinctive recognition from the Illinois Technology Foundation for the top 50 students in Illinois who pursue innovation through technology
Chicago, IL | OCTOBER 2012

AP-Google Journalism and Technology Scholar, one of six inaugural recepients awarded $20,000 for a project to build GitHub for journalism
San Francisco, CA | SEPTEMBER 2012

Knight-Mozilla News Technology Fellowship Finalist, developed a project to revamp comment systems and was selected to be one of 20 hackfest participants, collaborating with Al Jazeera, the BBC, Boston Globe, The Guardian and Zeit Online
Berlin, Germany | SEPTEMBER 2011, 2012

Eric Lund Global Research and Reporting Fellowship, awarded to study "The Societal Effects of Pervasive Connectivity in Arabianranta"
Helsinki, Finland | JANUARY 2011

Online News Association Conference, one of 20 selected from 143 applicants to participate in the student newsroom
Boston, MA | SEPTEMBER 2011

LANGUAGES
Mandarin | Fluent (proficient in reading and writing)
French | Advanced

REFERENCES AND WORK
Available gladly upon request. For work samples, visit my GitHub: **GITHUB.COM/KTZHU**.

EDUCATION
Northwestern University | June 2013 (expected)
B.S. in Computer Science (Systems, Artificial Intelligence) and Journalism (Magazine)
GPA: 3.7/4.0 (Dean's List Winter+Fall 2010, Spring+Fall 2011, Spring+Fall 2012)

RELEVANT COURSEWORK
Currently: Visual Literacy | Operating Systems, Web Information Retrieval, Network Security, Artificial Intelligence Programming, Advanced Interactive Design, Human-Computer Interaction, Design and Analysis of Algorithms, Computer Networking, Programming Languages, Innovation in Technology and Journalism (Practicum), Software Project Management and Development (Mobile), Data Structures and Management, Human-Centered Product Design

EXPERIENCE
Starting interactive internship at The New York Times in July 2013. Will be joining Twitter as a software engineer in September 2013.

Teaching Assistant | *Web Production (JOUR 390), Evanston, IL*
MARCH 2013-PRESENT
Responsibilities include preparing curriculum for class workshops on a variety of advanced web topics (**JAVASCRIPT LIBRARIES** and **APIs**), grading student work, and mentoring groups on their quarter-long projects, providing both technical assistance and editorial feedback.

Undergraduate Fellow (Designer/Developer) | *Knight Lab, Evanston, IL*
SEPTEMBER 2012-DECEMBER 2012; MARCH 2013-PRESENT
SKILLS: PYTHON, DJANGO, AWS, UNIX, JAVASCRIPT, HTML, LESS, WORDPRESS
Currently responsible for server migrations for legacy projects to a new push-to-deploy cloud environment. Previous project was the redesign of the Lab's website: restructured information architecture to enhance the user interface; implemented a responsive grid on the current site for tailored desktop, tablet and mobile experiences.

News Applications Developer | *NPR, Washington, D.C.*
JANUARY 2013-MARCH 2013
SKILLS: PYTHON, FLASK, JAVASCRIPT, JQUERY, BOOTSTRAP, JINJA, LESS, AWS
Built full-stack, multiplatform web applications for interactive storytelling. Work comprised backend and frontend programming, wireframing, and deployment. Projects ranged from collaborations with shows like Morning Edition to NPR Music. Responsibilities varied widely, including **DATA ANALYSIS AND VISUALIZATION**, **CHARTS AND INFOGRAPHICS**, **AUDIENCE ENGAGEMENT**, and projects working with **VIDEO**, **PHOTOGRAPHY** and **SOUND**.

Software Engineer | *GOOD Worldwide, LLC., Los Angeles, CA*
SEPTEMBER 2011-SEPTEMBER 2012
SKILLS: RUBY, RAILS, MYSQL, BACKBONE.JS, RSPEC, JASMINE, SLIM, SCSS
Worked with an agile team of three designers and six developers to build and launch **CITIZEN.GOOD.IS**, GOOD's new citizenship platform. Responsibilities included refactoring existing code and using test-driven development to add new features for launch. Worked on everything from the backend API and exposing data to the frontend UI.

Web Engineering Apprentice | *GOOD Worldwide, LLC., Los Angeles, CA*
JUNE-SEPTEMBER 2011
SKILLS: RUBY, RAILS, RSPEC, MYSQL, JQUERY, JAVASCRIPT, SLIM, SASS
Built **M.GOOD.IS**, a mobile version of GOOD's website (team consisted of one other developer and designer). Responsible for entire project from conception to execution, such as UX, server-side and database components, front-end implementation, A/B testing and analytics. Agile software practice with focus on test-driven development.

Undergraduate Researcher | *SONIC Labs, Evanston, IL*
JANUARY-SEPTEMBER 2011
Conducted research and literature reviews on the effects of gender in friendship in Second Life. Responsible for qualitative coding of Virtual Worlds Exploratorium interviews and various lab administrative work.