

Katherine Chao

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EDUCATION

Grenoble INP MSc. Informatics, specialization in Human Computer Interaction, (Sep 2016 – Sep 2017)
University of California, Berkeley B.A. Computer Science (Aug 2012 – May 2016)

SKILLS

Languages Python, Javascript, Java, HTML, CSS, SQL
Frameworks Angular, Django, Android, d3, Symfony2, Play/Scala, Backbone.js, Ember.js
Tools Git, AWS

WORK EXPERIENCE

- Frontend Developer Intern** *ConnectedCycle* (Mar 2017 – Aug 2017) *Paris, France*
• carried out a user study and designed mockups a completely new version of the fleet management portal
• fully implemented from scratch the proposed designs using Angular 4 and Bootstrap
- Frontend Engineer Intern** *Nventi* (Nov 2015 – May 2016) *Berkeley, CA*
• overhauled the entire front end of the web app, working primarily with Ember.js and d3
• involved in brainstorming, iteration based on user feedback, and contributed many ideas to the final product
- Software Engineering Intern** *CourseHero* (Jun 2015 – Aug 2015) *Redwood City, CA*
• worked on both the backend and front end of the public facing site using Symfony2
• tasks included optimizing webpages for better performance, creating new content, and bug fixes
- Web Developer Intern** *Binwise* (Jun 2014 – Aug 2014) *San Francisco, CA*
• created web pages in Play/Scala, Backbone Marionette, and a customized Wordpress backend
• set up and securely configured Amazon EC2 and RDS instances on which the site now runs
- Website Assistant** *UC Berkeley* (May 2013 – May 2014) *Berkeley, CA*
• edited web pages, formatted content and migrated website content using Drupal CMS

PROJECTS

- GoodVibes** *Java, AndroidStudio*
Android application with an accompanying smartwatch component targeted towards teens: allows them to post anonymously on a forum and send support in the form of messages with customized vibrations
- Automatic Image Stitcher** *Python, Flask, Javascript, Redis*
Creates an almost seamless composite of two images using a discrete Poisson solver
- Personal Artwork Website (www.silver-islands.com)** *Django, PostgreSQL*
Features include a fully featured image gallery and the ability to comment on articles, started in 2006

ACTIVITIES AND HONORS

- Grenoble INP Foundation Scholarship** Awarded to 30 students in total for academic excellence
- Member of Upsilon Pi Epsilon Computer Science honor society** For being in the top 30% of Computer Science students at UC Berkeley
- UC Berkeley Dean's Honors List** Awarded to the top 4% of the College of Letters and Science's students