

KATHERINE CHAO

Front-end developer with a passion for web technologies, user experience, responsive design, and participating in all parts of the product cycle.

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website <http://katherinechao.com>

github <https://github.com/katchao>

EDUCATION

Grenoble Institute of Technology

M.S. Informatics - Human Computer Interaction, (2016 – 2017)

Awards: Grenoble INP Foundation Scholarship, awarded to 30 students total for academic excellence

University of California, Berkeley

B.A. Computer Science (2012 – 2016)

Awards: Deans Honor List for 2 semesters, awarded to the top 4% of the college of Letters & Sciences

Member of the UPE honor society, awarded to the top 30% of CS students

SKILLS

Frameworks React, Redux, Angular (2+), d3, Bootstrap, Flask, Django, node.js

Languages Javascript (ES6), Python, Java, HTML5, CSS3, SQL

Tools Sass, Handlebars, gulp, Babel, npm, Git, Balsamiq, AWS, Adobe Creative Suite

WORK EXPERIENCE

Front-End Developer Intern *ConnectedCycle* (Mar 2017 – Aug 2017)

Paris, France

- carried out user study and created low-fi prototypes for a revamp of the fleet management web app
- implemented from scratch the proposed designs using Angular 4, Firebase, leaflet.js, and Bootstrap
- features include authentication, adding new users, filtering and viewing bike trajectories on a real time map, and a customizable nested grouping for organizing entities

Front-End 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
- acted as a liaison between the design and engineering teams
- actively engaged in product design, brainstorming, iteration based on user feedback, and technical feasibility of UI/UX designs

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
- optimized webpages for better performance, wrote unit tests, fixed bugs, and did code reviews

Software Engineering Intern *Binwise* (Jun 2014 – Aug 2014)

San Francisco, CA

- created web pages in Play/Scala and Backbone
- set up and securely configured Amazon EC2 and RDS instances on which the site now runs

PERSONAL PROJECTS

Portfolio site – katherinechao.com *jQuery, Handlebars, Sass*

Small home-grown single page application where further samples of my work can be viewed

Automatic Image Stitcher *Python, Flask, jQuery, Redis*

Web interface for creating an almost seamless composite of two images using a discrete Poisson solver