

JESSICA CHAN

1690 BROADWAY, #705, SAN FRANCISCO, CA 94109

✉ missujcat@gmail.com

🐙 github.com/missujcat

📞 (510) 292-1552

🌐 linkedin.com/in/jessicawchan

EXPERIENCE

Pinterest, Nov '14 - Present

Sr. Software Engineer

- Migrated Pinterest web template rendering engine from Jinja (Python) on the server and Nunjucks (JS) on the client to an isomorphic architecture where NodeJS and the client could both render Nunjucks, unlocking the migration to React. *See blog on LinkedIn.*
- Migrated client- and server-side frameworks that serve Pinterest.com from BackboneJS to React. Project yielded a 20% performance gain for the site. Spoke at React Amsterdam and Real World React about our migration story.
- Rearchitected and launched a service as an efficiency optimization for expensive experiment hashing operation that saved the company \$500K per year in compute costs.
- Architected and implemented a web performance regression testing framework utilizing continuous integration to detect when a new version will degrade Pinterest performance before it is deployed to production.
- Member of the core experience web platform team managing backend web fleet and services, building out the application framework and developer build system, creating testing frameworks, and improving performance and efficiency.

SquareTrade, Mar '13 - Oct '14

Software Engineer

- Maintained and expanded the in-house SquareTrade custom javascript MVC framework and built new custom UI components.
- Created new applications and added features to existing SquareTrade Javascript applications built with the SquareTrade MVC. Was once called a "bug-fixing machine." Agile environment.
- Wrote javascript unit tests using Jasmine and PhantomJS for existing and new features and modules in both our framework and applications. Ensured javascript, HTML, and CSS browser compatibility up to IE8. Regular code reviews and documentation.
- Launched Drupal multilingual/multidomain/multisite project to serve international customers and refactored CSS framework to BEM/OOCSS methodology.
- Lead architect of Drupal site, wrote custom Drupal PHP modules and themes, administer and maintain Drupal dev environments. HTML and CSS custom theming and emails.

Jessica Chan Studios, Jan '04 - Present

www.jessicachanstudios.com

- Over 10 years of experience taking freelance projects which developed my development and design skills, business acumen, and exposure to a myriad of industries.
- Completed front-end application projects end-to-end ranging from REST applications to marketing websites. Worked with Dojo, React, Angular.

CLIENTS SERVED INCLUDE: Intel, Huawei, Duracell, Oka B. Spa Shoes, YMCA, Harry's Bar, Bruno's, Tacpoint, DailyStrength, and many others.

University of California, Berkeley

Class of 2007

Bachelor of Arts degree in English, GPA 3.523

Bachelor of Arts degree in economics, GPA 3.387

Of note: Editor-in-Chief & Online Manager of the Daily Californian, Omicron Delta Epsilon Economics Honor Society

TECHNICAL SKILLS

JAVASCRIPT

PYTHON

FULL STACK

REACT

PLATFORM

SERVICES

UI/UX

SELF TAUGHT

ART & WORDS

SPEAKER

OTHER

EDUCATION