

# Kaizhi Wei

Pragmatic software developer with a passion for delivering delightful user experiences. Seeking to expand my skills and work on meaningful projects.  
I enjoy hacking on side projects, [photography](#), and skiing.

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## Experience

### Yahoo! (Flickr)

*Front-End Engineer - San Francisco, CA, April/2014-Present*

- Built many of the shared components and the most highly trafficked pages (Photostream, Faves, Albums) of the [Flickr 4.0](#) redesign as a single page isomorphic app.
- Responsible for building out the frontend of Flickr's checkout/wallet/payouts experience.
- Improved performance of Flickr web embeds (Embedr) by over 100% by rebuilding as an Express app with over 94% test coverage. Embedr drove a 20% increase in DAUs after launch.

### UXP Systems

*Front-End Developer - Toronto, ON, November/2012-March/2014*

- Primary developer for UXP's single-page JavaScript applications on multiple platforms using Backbone.js, SASS, and RequireJS.
- Quickly learned and executed a proof of concept SVG DOM-based single page Backbone.js application for use on set-top boxes with limited hardware - resulting in a contract with Rogers Communications worth \$10MM.
- Developed a proof of concept for Ericsson's Mediaram platform, successfully securing a contract with Ericsson for \$10MM (using Presentation Framework, ASP.NET, nginx, Redis, xslt, Backbone.js).
- Produced and taught a workshop for partners about UXP's JavaScript SDK.

### Avaya

*Software Engineer - Belleville, ON, December/2011-September/2012*

- Part of the SIP96X1 Deskphone team, working on UI, signalling/networking, and memory management in an embedded *Qt/C++* environment.
- Researched and implemented changes to phone features, reducing server load by more than 50% in large call center environments.
- Created an internal tool using [Bootstrap](#) and the [Flot](#) library to monitor thousands of clients worldwide, allowing the team to efficiently measure and debug core dump issues prior to product release.

### Uptown Creative Group

*(Remote) Freelance Web Developer - Waterloo, ON, April/2011-December/2011*

- Created pixel perfect *HTML/CSS/JS* sites, CMS backends using *Wordpress* and e-commerce sites with *Magento*.

## Projects

- [Presets.io](#) - OSX and Windows app for managing Adobe Lightroom photography presets. Built with Electron, Node.js, and React.
- [Hiresync.io](#) - Real-time collaborative coding platform for technical interviews. Backbone.js, Express, Socket.io, Firebase, and MongoDB.

## Skills

- Passion for JavaScript and modern frameworks (React, Backbone.js, Sails, Express) and tooling (Grunt/Gulp, Bower, Yeoman).
- Unit testing with Jasmine and functional testing with Protractor.
- Familiar with Redis, MongoDB.
- Working knowledge of various languages including Java, Python, and PHP.

## Education

### University of Guelph

*BSc, Computer Science 2007-2011*