

# Kaizhi Wei

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

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## Experience

### Centro

Lead Software Engineer - Toronto, ON, Apr / 2018 - Present

Senior Software Engineer - Toronto, ON, Jan / 2016 - Apr / 2018

- Led a cross-functional team of 3 engineers, 1 PM, and 1 QA to deliver complex features on a timely basis with a high degree of quality.
- Provided technical mentorship and coaching for engineers, providing feedback in monthly 1-1s and quarterly reviews.
- Contributed to hiring committee as an interviewer focusing on frontend topics.
- Responsible for architectural guidance and decisions in the form of RFCs for the future of the product.
- Implemented or oversaw the majority of features in the Basis Platform DSP - a product drives 90% of Centro's software revenue growing at 25% YoY.

### Yahoo! (Flickr)

Front-End Engineer - San Francisco, CA, April / 2014 - Dec / 2015

- 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 Mediaroom 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.

## 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 modern JavaScript and frameworks (React, Redux, Next.js, Express) and tooling (Webpack).
- Proficient in various languages and frameworks including Ruby on Rails and Java w/ Spring Boot.
- Unit testing with Jasmine, Rspec, and functional testing with Protractor.
- Extensive experience with Redis, MongoDB, and PostgreSQL.

## Education

University of Guelph

BSc, Computer Science