

# Alex Cartmell

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San Francisco, CA

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## EDUCATION

**University of Washington**  
SEATTLE, WA

September 2009 - June 2013  
B.S. Computer Science

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## WORK EXPERIENCE

### Zabble

*Senior Frontend Engineer*  
SAN FRANCISCO, CA  
zabbleinc.com  
March 2023 - July 2023 (Contract)

Sole frontend web engineer on a lean startup team, responsible for all feature development and maintenance of the AI-powered "Zabble Zero" web application. Quickly ramped up on the product, codebase, and tech stack in order to provide as much value as possible during a four-month contract. Designed, implemented, and rolled out multiple major features, including a single sign-on authentication flow using SAML, and a data import feature allowing clients to bulk-upload facility and waste receptacle data into their Zabble account.

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### WeWork

*Staff Frontend Engineer*  
*Senior Frontend Engineer*  
*Full Stack Engineer*  
NEW YORK, NY  
wework.com  
November 2017 - January 2023

Lead frontend engineer for WeWork's member-facing web app. Led a team of 6+ engineers on numerous initiatives, including new feature work, performance & stability improvements, and automated testing. Helped build the app all the way from a Create React App starter, replacing the legacy AngularJS implementation with a modern, performant, and maintainable single-page app. Strong focus on data and analytics, surfacing key takeaways to product managers in order to inform business decisions. Technologies included React, TypeScript, Sass, Storybook, and Apollo GraphQL.

Focused heavily on writing shareable code as NPM packages with intuitive & well-documented interfaces, in order to reduce redundancy across other WeWork web products. Examples included a shared design system built on TailwindCSS, a collection of components for in-app notifications, and a library for building map-based search experiences with Mapbox.

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### HopPlotter

*Co-founder, Lead Engineer*  
SEATTLE, WA  
January 2015 - December 2019

Designed and implemented the technology behind beer tourism app HopPlotter from the ground up. The HopPlotter stack included a service-oriented architecture with RESTful APIs, built on a Python/Django and PostgreSQL backend; a rich single-page web app built on ES6, HTML5, and CSS3; native iOS and Android mobile apps built with Swift and Java; and interaction with over a dozen external APIs to collect, process, and present brewery data. Interesting challenges included building a combined username/password and Facebook authentication system, a notifications framework shared across multiple platforms, a performance analytics console for brewery owners, and a responsive mobile web app.

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### Expedia, Inc.

*Software Development Engineer II*  
*Software Development Engineer I*  
BELLEVUE, WA  
expedia.com  
June 2012 - June 2015

Full-stack web engineer for Expedia's corporate travel brand, Egencia. Worked on various parts of the stack, including a legacy C++ backend, a modern Java backend built on the Spring Framework, and a web frontend built with Backbone.js and jQuery. Notable projects included replacing an archaic credit card payment form with a simplified & streamlined AJAX design, and developing a microservice to integrate and sync travel data with a third-party expense management tool.

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## SKILLS

JavaScript, CSS, HTML

Significant experience throughout entire career, with a passion for implementing beautiful and performant web experiences

React

Significant experience

TypeScript

Significant experience

Ruby/Rails

Intermediate experience

Python/Django

Intermediate experience

Java

Intermediate experience

iOS development (Swift)

Intermediate experience

Android development (Java)

Intermediate experience