

Alex Cartmell

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EDUCATION

University of Washington
SEATTLE, WA

September 2009 - June 2013
BS in Computer Science
BS in Applied Mathematics
GPA: 3.70

WORK EXPERIENCE

WeWork

Senior Front-End Engineer
Full Stack Engineer
NEW YORK, NY
wework.com
November 2017 - January 2023

Lead front-end 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.

Prior to shifting focus to front-end web, worked primarily on the back-end, focusing on several Ruby on Rails microservices, including a feature flag management service, a service to sync community events data between systems, and the back-end API powering the WeLive member experience.

HopPlotter

Co-founder, Lead Engineer
SEATTLE, WA
hopplotter.com
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 back-end; 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.

Expedia, Inc.

Software Development Engineer II
Software Development Engineer I
Software Development Intern
BELLEVUE, WA
egencia.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++ back-end, a modern Java back-end built on the Spring Framework, and front-end web (Backbone.js, jQuery). Interesting challenges included replacing an archaic credit card payment form with a simplified & streamlined AJAX design; developing a web service to integrate Egencia with a third-party expense management tool, automatically managing clients' expense data based on their travel plans; and implementing automatic travel booking logic following third-party approval, which allowed for price increases within a configurable threshold.

SKILLS & OTHER EXPERIENCES

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