

Kevin Pei

Coder, Skier, Human. Let's work on something awesome.

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WORK EXPERIENCE

Facebook | Frontend Engineering Intern May 2019 – August 2019

- Built out Marketplace experiences to be used by countless users on the new Facebook website.
- Drove and coordinated development of a new feature between across teams
- Worked across the stack in backend (Hack/PHP), frontend (React, GraphQL), and mobile (React Native)

Facebook | Frontend Engineering Intern September 2018 – December 2018

- Added json output support to the ReasonML error formatter, set up cross-platform Azure pipeline builds for reason-native project github.com/facebookexperimental/reason-native.
- Wrote codemod to automatically remove unused Flux actions and any related reducers or tests.

Liquor Control Board of Ontario | Full Stack Developer January 2018 – April 2018

- Interfaced with stakeholders to build numerous frontend, backend, and Android applications.
- Set up Kubernetes deployment pipeline on Azure, improved existing deployment times by 15x.
- Implemented OpenID Connect for standardized, cross-app authentication.

Yahoo! | Software Engineering Intern May 2017 – August 2017

- Developed numerous features including a realtime React-based search bar and feature popup.
- Internationalized the entire Fantasy Football registration flow with over 5000 lines of code.

OTHER EXPERIENCE

Hack the North | Infrastructure | Formerly: Developer, Team Lead January 2017 – Present

- Migrated stack to Docker and GKE, introduced Elastic APM to scale to thousands of concurrent users
- Constructed multiple web apps including a React-based form library used by 6200 applicants.
- Built realtime signup dashboard used by over 400 volunteers with Angular 6 and Firebase.

Seashell Team, University of Waterloo | Frontend Architect November 2016 – May 2017

- Led effort to migrate legacy Angular 0.9 architecture to a React-Redux stack with TypeScript.

NOTABLE AWARDS

Canada Developer 30 Under 30 Spring 2019

TECHNICAL SKILLS

Version Control & DevOps | Docker, Git, Jenkins, Jira, Kubernetes, Travis CI, Circle CI, & Buildkite CI

Tooling | Android Studio, Apache, Bash, MySQL & Postgres, Nginx, Vim

Web Tooling | Angular, React, Vue.js, Laravel, OAuth 2.0, OpenConnect ID, Ruby on Rails

Proficient Languages | OCaml, Reason, Java, Kotlin, CSS, JavaScript, PHP, Python, Ruby, TypeScript

EDUCATION

Honors Bachelor of Computer Science Co-op | University of Waterloo 2020