

Kevin Pei

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

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WORK EXPERIENCE

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.
- Rearchitected, implemented automation framework in Hack to increase frontend code quality.
- 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 | Frontend Team Lead

January 2018 – Present

- Built realtime signup dashboard used by over 400 volunteers with Angular 6 and Firebase.
- Interfaced with Design and Marketing teams to coordinate 10+ projects for Hack the North 2018.

Hack the North | Frontend Developer

January 2017 – January 2018

- Constructed multiple web apps including a React-based form library used by 6200 applicants.
- Developed a multithreaded and distributed video rendering framework for Adobe After Effects.

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

MHacks | Second Place

Spring 2017

Google Games (Mini) | Third Place

Fall 2017

TECHNICAL SKILLS

Version Control & DevOps | Docker, Git, Jenkins, Jira, Kubernetes, Travis & Circle 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](#)

(Expected) 2016 – 2021