

KEVIN PEI

Let's work on something awesome

hello@kevinpei.com

kevinpei.com

github.com/kpsuperplane

linkedin.com/in/kpsuperplane

OVERVIEW

Web Developer since **5th grade**. UX aficionado with a **focus on performance and reliability**. Seasoned in version control and agile development. **Team oriented and language agnostic**. Skis regularly and enjoys a good cup of joe.

EXPERIENCE

SOFTWARE ENGINEERING INTERN Yahoo! | **05/2017 - 08/2017**

- > Developed numerous product features including a realtime React-based search bar and internationalized registration
- > Spearheaded product mocks in accordance to internal guidelines

TECHNICAL ANALYST (PT), JUNIOR INTEGRATION DEVELOPER

CO-OP (SUM) Royal Bank of Canada | **01/2016 - 08/2016**

- > Built libraries and applications for Jive with React and Node.JS
- > Developed framework for NLP (TF-IDF) based Chatbot
- > Helped to train summer high school interns in Node.JS

WEB DEVELOPER Via Musica | **01/2014 -06/2014**

- > Created Via Musica's website with Laravel PHP MVC
- > Implemented session-authenticated video streaming in PHP
- > Enabled new educational experiences for 1500+ students
<http://www.viamusica.com>

EXTRACURRICULARS

FRONTEND DEVELOPER Hack the North | **01/2017 - PRESENT**

- > Created numerous web properties for Hack the North (Canada's biggest hackathon) including a chat-based form library for React and Redux used by over 6200 applicants
- > Developed a multithreaded and distributed video rendering framework for Adobe After Effects

FRONTEND ARCHITECT Seashell Team, University of Waterloo | **11/2016 - 05/2017** (7 MONTHS)

- > Lead effort to migrate legacy Angular 0.9 architecture to a React-Redux stack with TypeScript
- > Greatly improved user experience for nearly all first year Computer Science students at the university

TECHNICAL SKILLS

VCS AND DEVOPS

IBM UrbanCode Deploy
Jenkins CI
Git // Github // Gitlab
Travis CI // Circle CI
Jira // Agile Development

CLOUD PLATFORMS

IBM Bluemix // CloudFoundry
Amazon Web Services
Jive Enterprise Social Networks

LANGUAGES AND TOOLING

Fluent
JavaScript // NodeJS // React
CSS // LESS // SASS
PHP 7 // Laravel MVC
Python 2 // Python 3

Proficient

Java // C++
MySQL // Postgres
Bash // Vim

EDUCATION

BACHELORS OF COMPUTER SCIENCE

University of Waterloo **2016-2021**

AWARDS

CANADIAN COMPUTING COMPETITION SENIOR DIVISION

FINALIST UWaterloo | **05/2014**

- > Member of top 20 national finalists out of 1900 HS students
- > Participated in Second Stage Olympiad contests

SECOND PLACE MHACKS 9 | **03/2017**

- > Intuitive notetaking application that records audio while typing
- > Realtime recording with HTML5 and syncing with Firebase APIs

BEST OPEN DATA HACK Hack the North 2016 | **09/2016**

- > Fast, precise, and automatic location tracking for 911 calls.
- > Realtime React.JS based dashboard powered by Firebase
- > Hidden android service automatically activates during 911 calls

THIRD OVERALL Massey Hacks 2 | **05/2016**

- > Harnessed real time websockets with client-side web workers
- > Learned JS-based Dijkstra's algorithm runs fastest in Firefox

BEST LIFE HACK Hack Western 2 | **11/2015**

- > Extract key points in paragraphs with the Indico API
- > Paragraph and image assignment with Kuhn-Munkres matching