

# KEVIN PEI

Let's work on something awesome

Usually in Waterloo, Ontario

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## OVERVIEW //

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

## EXPERIENCE //

### SOFTWARE ENGINEERING INTERN Yahoo! | PRESENT

> Frontend development with the Yahoo! Fantasy Sports Team

### TECHNICAL ANALYST (PT), JUNIOR INTEGRATION DEVELOPER

CO-OP (SUM) Royal Bank of Canada | 2016 (8 MONTHS)

- > 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 PLATFORM DEVELOPER Yield Funding | 2016 (5 MONTHS)

- > Spearheaded Yield Funding Group website development
- > Used Microsoft ASP.NET 5 and Node.JS Express Technologies

### WEB DEVELOPER Via Musica | 2014 (6 MONTHS)

- > 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 //

### HYPERLOOP TEAM WEB LEAD UWaterloo | 2016 (6 MONTHS)

- > Managed and developed Hyperloop Team's Web Platform
- > Interfaced with product vendors and other team leads to establish project targets and timelines

### DEVELOPER, ADVISOR Project 5K NPO | 2014 (3 YEARS)

- > Made volunteering more accessible to over 1500 youth
- > Seamless volunteer signup and management experiences built with Laravel MVC and Angular.JS. <http://www.project5k.ca>

### SHAD VALLEY FELLOW SHAD @ LakeheadU | 2014 (1 MONTH)

- > Led the winning team of 10 out of 70 at Lakehead University
- > Implemented Web-based Angular app and Android companion app with Google Cloud Messaging

## TECHNICAL SKILLS //

### VCS AND DEVOPS

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

### LANGUAGES AND TOOLING

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

### CLOUD PLATFORMS

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

### Proficient

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

## EDUCATION //

**B. COMPUTER SCIENCE** University of Waterloo  
2016-2021 (Candidate for)

## AWARDS //

### CANADIAN COMPUTING COMPETITION SENIOR DIVISION FINALIST UWaterloo | MAY 2014

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

### SECOND PLACE MHACKS 9 | MAR 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 | SEP 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 | MAY 2016

- > Intelligent, aggressiveness-controlled Agar.io game
- > 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 | NOV 2015

- > Twitter based automatic news aggregator
- > Made use of Indico APIs to extract key points in paragraphs
- > Paragraph and image assignment with Kuhn-Munkres matching