

# KEVIN PEI

Let's work on something awesome

Somewhere in Markham, 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 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

