KEVIN PEI

Let's work on something awesome

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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 //

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.

INTRANET INTERN Royal Bank of Canada | **2015** (1 MONTH)
> Developed MS Active Directory solutions for RBC Jive software.
> Scheduled deployments on IBM Bluemix with Java and Node.JS

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 - PRESENT**
> 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 - PRESENT**
> 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
Subversion (SVN)

CLOUD PLATFORMS
IBM Bluemix // CloudFoundry
Amazon Web Services
Heroku

LANGUAGES AND TOOLING
JavaScript // NodeJS // React
Java // C++
MySQL // Postgres
Python 2 // Python 3
PHP 7 // Laravel MVC
CSS // LESS // SASS
Bash // Vim

PRODUCTS AND SERVICES
Jive Enterprise Social Networks

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

BEST DATA HACK Terrible Hacks Fall/Winter 2016 | **NOV 2016**
> Markov-Chain (Machine Learning) based "To Be Honest" bot.
> Built chrome extension to read Facebook messages

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