KEVIN PEI

Let's work on something awesome (and make it reliable and performant!)

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. Wolves are cute <3

EXPERIENCE //

TECHNICAL ANALYST (PT), JUNIOR INTEGRATION DEVELOPER CO-OP (SUM) Royal Bank of Canada (RBC)

1/2016 - 08/2016 (8 MONTHS)

Built libraries and applications for Jive with React and Node.JS and created the framework for an AI and Maching Learning based Chatbot. Helped to train summer high school interns in Node.JS.

WEB PLATFORM VISIONEER Yield Funding Group

08/2015 - 01/2016 (5 MONTHS)

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

SOCIAL INTRANET INTERN Royal Bank of Canada (RBC)

08/2015 - 08/2015 (1 MONTH)

Developed Java and Node.JS solutions for RBC Jive enterprise software with IBM Bluemix and MS Active Directory technologies.

WEB DEVELOPER Via Musica

01/2014 - 07/2014 (6 MONTHS)

Created Via Musica's website with Laravel PHP MVC architecture and http video streaming to enable new educational experiences for 1500+ students. http://www.viamusica.com

EXTRACURRICULARS //

HYPERLOOP TEAM WEB LEAD University of Waterloo

10/2016 - PRESENT

Manage, plan, and develop the Hyperloop Team's web platform

WEB DEVELOPER, TECHNICAL ADVISOR Project 5K NPO

06/2014 - PRESENT

Made volunteering more accessible to over 1500 youths with seamless volunteer signup and management experiences built with Laravel MVC and Angular.JS. http://www.project5k.ca

SHAD VALLEY FELLOW SHAD @ LakeheadU

07/2015 - 07/2015 (1 MONTH)

Led the winning team out of 70 people at Lakehead University and participated in the SHAD CUP National business competition.

EDUCATION //

B. COMPUTER SCIENCE University of Waterloo

2016-2021 (Candidate for)

AWARDS //

CANADIAN COMPUTING COMPETITION SENIOR DIVISION FINALIST University of Waterloo

MAY 2014

Member of the top 20 finalists out of 1900 highschoolers in the Canadian Computing Competition Senior Division, participated in Stage 2 contests (now Canadian Computing Olympiads).

BEST DATA HACK Terrible Hacks Fall/Winter 2016

NOVEMBER 2016

Machine-learning based "To Be Honest" social media bot.

BEST OPEN DATA HACK Hack The North 2016

SEPTEMBER 2016

Fast, precise, and automatic location tracking for 911 calls.

THIRD OVERALL Massey Hacks 2

MAY 2016

AI-based Agar.io game where you control a blob's aggressiveness.

BEST LIFE HACK Hack Western 2

NOVEMBER 2015

Machine-learning based automatic news aggregator.

TOP STUDENT HACKER 2014 Koding Global Hackathon

DECEMBER 2014

Ease-of-use and accessibility-centric Terms of Service.

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++ // C#
MySQL // Postgres // SQL Server
Python 2 // Python 3
PHP 7 // HHVM // Laravel MVC
CSS // LESS // SASS
Bash // Vim (sorry emacs users)

PRODUCTS AND SERVICES
Jive Enterprise Social Networks