

KEVIN PEI

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

Waterloo, Ontario

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EXPERIENCE //

Technical Analyst (PT), Junior Integration Developer Co-Op (SUM)

ROYAL BANK OF CANADA (RBC)

1/2016 - 08/2016 (8 MONTHS)

Developed helper libraries and applications for Jive with React and Node.JS, created framework for an AI and Machine 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)

Developed the Yield Funding Group website 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 based solutions for RBC Connect Jive enterprise software as a summer intern at RBC. Touched on IBM Bluemix and Microsoft Active Directory technologies.

WEB DEVELOPER VIA MUSICA

01/2014 - 07/2014 (6 MONTHS)

Created the new Via Musica website. Used Laravel PHP MVC architecture and http video streaming to enable new educational experiences for 1500+ students.

<http://www.viamusica.com>

EXTRACURRICULARS //

HYPERLOOP WEB TEAM 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. Built with Laravel MVC and Angular.JS, the Project 5K Website enables seamless volunteer signup and management experiences.

<http://www.project5k.ca>

SHAD VALLEY FELLOW SHAD @ LAKEHEADU

07/2015 - 07/2015 (1 MONTH)

Spent 1 month at Lakehead University participating in the SHAD Valley program and business competition. Led the winning team out of 70 people at Lakehead University, and participated in the 2015 SHAD CUP National competitions.

EDUCATION //

B. COMPUTER SCIENCE UNIVERSITY OF WATERLOO

2016-2021 (Expected)

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 //

Version Control 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