

Kevin Pei

Student, Coder, Skier. Let's work on something awesome.

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EDUCATION	Bachelors of Computer Science University of Waterloo	(Expected) 2016 – 2021
WORK EXPERIENCE	Full Stack Developer Liquor Control Board of Ontario (LCBO)	January 2018 – April 2018
	<ul style="list-style-type: none">▪ Rapid prototyping of PoCs to approach, tackle, and push forward new technologies within the company with React, Node.JS and PostgreSQL.	
	Software Engineering Intern Yahoo! Inc.	May 2017 – August 2017
	<ul style="list-style-type: none">▪ Developed numerous product features including a realtime React-based search bar and feature popup framework.▪ Consulted with relevant parties to internationalize the entire Fantasy Football registration flow, ultimately updating over 5000 lines of code in one PR.▪ Made high-level performance and architectural considerations surrounding the efficient integration of React into Yahoo! Fantasy Sports' PHP Stack, developed a lightweight, standardized module system to pass data between PHP and React at runtime.▪ Worked with team members to spearhead product mocks in accordance to internal design guidelines.	
	Technical Analyst, Junior Integration Developer Royal Bank of Canada	June 2016 – August 2016
	<ul style="list-style-type: none">▪ Developed high-performance and developer-friendly React and Redux based libraries to increase efficiency in the development process of Jive apps and tiles.▪ Created a Chatbot framework with Python and Node.JS to investigate the future of human-computer interaction.▪ Implemented natural language algorithm TF-IDF (Term Frequency-Inverse Document Frequency) in SQL for a high-performance bot that initially proved to be eerily accurate (better than vendor solutions in some cases).	
OTHER EXPERIENCE	Frontend Team Lead Hack the North	January 2018 – Present
	<ul style="list-style-type: none">▪ Responsible for coordinating hiring and frontend development efforts of a team of 5 for Hack the North 2018.	
	Frontend Developer Hack the North	January 2017 – January 2018
	<ul style="list-style-type: none">▪ 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	November 2016 – May 2017
	<ul style="list-style-type: none">▪ Lead effort to migrate legacy Angular 0.9 architecture to a React-Redux stack with TypeScript.▪ Consulted existing team members on modern web development methodologies to reduce development time and improve program reliability.	
AWARDS	<ul style="list-style-type: none">▪ Canadian Computing Competition Senior Division Finalist University of Waterloo▪ Third Place Google Games (Mini), University of Waterloo▪ Second Place MHacks▪ Best Open Data Hack Hack the North▪ Third Overall Massey Hacks 2▪ Best Life Hack Hack Western 2	2014 Fall 2017 Spring 2017 2016 2016 2015
TECHNICAL SKILLS	Version Control & DevOps Jenkins, Git, Travis & Circle CI, Jira Cloud Platforms IBM BlueMix, CloudFoundry, Amazon Web Services, Firebase, Heroku Tooling Bash, Vim, Docker, Nginx, Apache, MySQL & Postgres Web Tooling React, Vue.JS, Angular 1.x, Laravel MVC, TypeScript Languages JavaScript & Node, CSS & SASS, PHP, Python, Java, HTML Proficient Languages C++, C#	