

Jun Zheng

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>_ Skills

Languages: JavaScript, Python, PHP, C, Golang, Java, SQL, GraphQL, Bash, RAML

Frameworks: PHP Laravel, Node.js, Express.js, Apollo, React.js, React Native, Angular.js, Spring, Backbase

>_ Education

University of Toronto – 2021

Hons. B. Sc, Computer Science Candidate
cGPA 3.41, Technical GPA 3.97

- Association of Computer and Mathematical Science Students (Director of IT – 2017)
- Hack the Valley (Director of IT – 2017/2018)
- TEDxUTSC (Director of IT – 2018)

>_ Experiences

Software Developer Intern

May 2019 – August 2019
Royal Bank of Canada

- Built mission-critical systems for Business Financial Services to support business loan transformation.
- Worked with a development team of six to create a software using Java Spring, Microsoft SQL Server and Angular 8 that replaces an ancient financial statement analyzation tool, saving the bank \$1 million per year.
- Practiced TDD (Test-Driven-Development) throughout the term. With all core systems reaching over 90% test coverage, one of the highest in RBC.

Software Developer Intern

October 2017 – May 2018
Trent University

- Developed key features for a math collaboration tool using Node.js and MongoDB.
- Refactored the chatroom system using Socket.io and Angular.js. Created LaTeX rendering functionality using KaTeX.

Director of Information Technology

June 2017 – February 2019
Hack the Valley

- Oversees and manages the development team for Hack the Valley hackathon at UTSC.
- Responsible for writing design documents for technical systems written in PHP and Node.js, estimate development time and host daily stand-ups.
- All technical systems are delivered on-time, received over 3000 applications for HTV II and over 2000 for HTV III.

>_ Projects

CheaprEats

January 2018 – Present
Microsoft Imagine Cup

- A convenient food ordering application for university campuses. Focuses on reducing food waste and helping vendors to retain customers using a special loyalty program that allows students to share their points.
- Built central public-facing GraphQL API using Node.js and MongoDB, and an iOS/Android app using React Native.
- Microsoft Imagine Cup 2019 Canadian National Finalist

IFCAT

November 2018 – Present

- Immediate Feedback Collaborative Assessment Tool (IFCAT) is an online software that allows students to take quizzes in a group and receive immediate feedback on their answers.
- Currently being used in STAB27 at UofT to conduct online group quizzes.

>_ Publications

Jun Zheng, Sohee Kang, and Brian Harrington. 2019. **Immediate Feedback Collaborative Code Tracing**. In Western Canadian Conference on Computing Education (WCCCE'19), May 3–4, 2019, Calgary, AB, Canada.