

# 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

- 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.