

# Ian Gu

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[iangu.me](http://iangu.me)  
[linkedin.com/in/iangu](https://linkedin.com/in/iangu)  
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## SKILLS

**Languages:** Java, Python, JavaScript, C

**Frameworks and Tech:** Spring Boot, Flask, Express, React.js, MySQL, MongoDB

**Tools:** Git, shell/bash, Linux, Parse-Platform, Firebase, AWS EC2, Heroku

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## WORK EXPERIENCE

**University of Toronto Information & Instructional Technology Services**

Sep 2019 -- Apr 2020

Software Developer

- Co-lead the migration of a legacy student service system from **PHP** to **Java Spring Boot** in order to build a more secure application
- Wrote **MySQL** migration scripts in order to mitigate inconsistencies among database and code
- Worked fast to write reusable code, reducing expected project duration by more than 4 months

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## PROJECTS

**Shipenvoy** ([shipenvoy.ca](http://shipenvoy.ca))

2020

React.js · Parse-Platform · CI/CD

Paid website built for a logistics company that allows customers to ship packages internationally. Features include a tracking system for packages, user support system, and administrative tools for warehouse workers.

**Sportcred** ([github.com/iangu48/sportcred](https://github.com/iangu48/sportcred)) (demo in readme)

2020

React-Native · Firebase

Minimum viable product mobile application developed for a client which allows sports fans to show off their sports knowledge through trivia, debates, pick'ems, and more. Follows an **MVC** architecture.

**Spo2fi** ([spo2fi.herokuapp.com](https://spo2fi.herokuapp.com))

2020

Python · Flask

In-memory application that allows Spotify users to queue songs to a single playback device.

**Bubble** ([iangu.me/bubble-frontend](http://iangu.me/bubble-frontend))

2019

Node.js · Express · Google Cloud Services API

Displays live trending topics in an aesthetic word cloud with clickable links to relevant articles. Topics are scraped from reddit and processed through **GCS** natural language processing.

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## EDUCATION

**University of Toronto**

Sep 2018 – Apr 2022

Honours BSc, Computer Science (Software engineering stream)