

# Ian Gu

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[iangu.me](https://iangu.me)  
[linkedin.com/in/iancgu](https://linkedin.com/in/iancgu)  
[github.com/iangu48](https://github.com/iangu48)

## EDUCATION

University of Toronto

Honours BSc, Computer Science (Software Engineering stream)

Sep 2018 -- Apr 2022

## WORK EXPERIENCE

PickEasy Inc. (current)

Software Engineer

May 2021 -- Aug 2021

- Implemented enhancements to reduce user wait time on home page by over 50%
- Implemented new features in a fast-paced start-up environment with **React-native**, **Flask**
- Much more to come...

Shipenvoy ([shipenvoy.ca](https://shipenvoy.ca))

Software Engineer (Contract / Freelance)

Nov 2020 -- Jan 2021

- Built a full-stack platform from scratch in two months using mainly **React.js** and **Parse**
- Added a tracking system for packages, administrative tools for warehouse workers (batch operations, csv imports/exports, package queries and CRUD), and user support system
- Used **Github CI/CD** to automate deployments on master merges

University of Toronto Information & Instructional Technology Services

Software Developer

Sep 2019 -- Apr 2020

- Co-lead the migration of a legacy student service system from **PHP** to **Java Spring Boot** to build a more secure application
- Wrote **MySQL** migration scripts to mitigate inconsistencies among database and code
- Escalated issues to address security concerns involving storing sensitive data
- Reduced expected project duration by over 4 months by writing maintainable and modular code

## PROJECTS

[iangu.me/#projects](https://iangu.me/#projects)

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

Python · Flask

2020

Web application that allows Spotify users to start a group session and queue songs to a single playback device. Ideal for car rides or office parties where users may add songs to the queue from their own phones.

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

Node.js · Express · Google Cloud Services API

2019

Displays live updated trending topics in an aesthetic word cloud with clickable links to relevant articles. Topics are scraped and processed through Google Cloud natural language processing.

## SKILLS

**Languages** Java, Python, JavaScript, C, MIPS Assembly, HTML / CSS

**Frameworks** Spring Boot, Flask, Node.js, Express, React.js, React-native, MySQL, MongoDB

**Tools** Git, shell / bash, Linux, Parse, Firebase, AWS EC2, Heroku, Google Cloud, AGILE, Jira, Github CI/CD