Ian Gu
Toronto, ON

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SKILLS

Languages: Java, Python, JavaScript, C

Frameworks and Tech: Spring Boot, React, MySQL, mongo, parse-platform, Firebase, REST API

Tools: Git, shell/bash

WORK EXPERIENCE

UTSC IITS, Toronto ON   Sep 2019 – Apr 2020

Software Developer

- Reduced expected project duration by more than 4 months
- Co-lead the migration of a legacy student service system from **PHP** backend to **Java Spring Boot**
- Wrote migration scripts to restructure **MySQL** database to fit different needs
- Designed and refactored code to follow an **MVC** pattern with **Java Spring Boot**

PROJECTS

Shipenvoy (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) (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)   2020
Python · Flask
> In-memory application that allows Spotify users to queue songs to a single playback device.

Bubble (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.

EDUCATION

University of Toronto   Sep 2018 – Apr 2022
Honours BSc, Computer Science (Software engineering stream)

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