

# Ian Gu

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## EDUCATION

### University of Toronto

*Honours Bachelor of Science in Computer Science, Software Engineering Specialist*

Toronto, ON

Sep. 2018 – Apr. 2023

## EXPERIENCE

### Meta

*Software Developer Engineer Intern*

- TBD

Sep 2022 – Nov. 2022

Menlo Park, CA

### Amazon

*Software Developer Engineer Intern*

- TBD

May 2022 – Aug. 2022

Toronto, ON

### Loyalty One

*Software Developer Intern*

- Built an internal asset manager tool for AEM, cutting deployment time by ~15 mins

Sep 2021 – Dec. 2021

Toronto, ON

### PickEasy Inc.

*Software Developer Intern*

- Implemented enhancements in SQL queries to reduce user wait time on home page by over 50%
- Polished and implemented new features for a restaurant service, resulting in 800% increase in organic growth of restaurants using the service
- Developed and released a gratitude journal app from scratch to supply some passive income to the company
- Experimented with new technologies by creating mini projects to investigate feasibility of new features

May 2021 – Aug. 2021

Toronto, ON

### Shipenvoy

*Software Engineer Contractor*

- Built a full-stack platform from scratch in two months using mainly React 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
- Automated deployments with Github CI/CD to deploy quick fixes and adjustments at request of client

Nov. 2020 – Jan. 2021

Toronto, ON

### University of Toronto Information & Instructional Technology Services

*Software Developer Intern*

- Coordinated the migration of a legacy student service system from PHP to Java Spring Boot to build a more secure application
- Authored 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

Sep. 2019 – May 2020

Toronto, ON

## PROJECTS

### Momental | *React-native, SQLite*

2021

- Developed and deployed a mobile app to Apple App Store with in-app purchases which allows users to track and journal moments of gratitude

### Spo2fi | *Python, Flask*

2020

- Developed a 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 | *Node.js, Express, Google Cloud Services*

2019

- Developed a fullstack website to display live updated trending topics in an aesthetic word cloud with clickable links to relevant articles.
- Scraped and processed topics through Google Cloud natural language processing.

## TECHNICAL SKILLS

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

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