

# EKIM KARABEY

(416) 705-1340 • ekim0252@gmail.com • [Github: Ekimerton](#) • [LinkedIn: ekim-karabey](#) • Toronto, ON (Open to Remote)

## TECHNICAL SKILLS

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**Front End:** React, React Native, GraphQL, Javascript, TypeScript, NodeJS, CSS, Firebase, Redux

**Back End:** Typescript, NodeJS, Express, Python, Flask, Java, PostgreSQL, MongoDB, Selenium

**Developer Tools:** Shell, Google Cloud, AWS, Git, Linux, Docker, TensorFlow, Redis, BigQuery

## WORK EXPERIENCE

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### Software Engineer Intern | Shopify

Sept 2021 - May 2022

*Orders Team, Checkout Team*

Typescript | React | Redux | GraphQL

- Designed and engineered a new user experience flow that is now used by over 5,000 merchants daily
- Championed a project to quickly and efficiently ship changes to the second most requested page within the Shopify admin
- Collaborated closely with merchants to gather valuable beta testing feedback and incorporated it into the final product

### Software Engineer Intern | HomeX

May 2021 - Sept 2021

*Platform Team*

Typescript | Express | React | GraphQL | Grafana

- Integrated payments to the main HomeX platform using Stripe Connect, allowing for a seamless and secure payment experience for users
- Employed the Grafana API to track service uptime history and created a dashboard that enabling improved system reliability and increased user satisfaction

### Data Engineer Intern | Wayfair

June 2020 - July 2020

*B2B Team*

PostgreSQL | Python | BigQuery

- Created and implemented data pipelines to process and analyze B2B transaction data, identifying and addressing any irregularities
- Built and maintained data visualization dashboards to track the performance of the B2B transactions pipeline, identifying key areas for improvement

### Founder | Tinyshed

June 2020 - April 2021

*Airbnb for storage: [www.tinyshed.co](http://www.tinyshed.co)*

React Native | Flask | PostgreSQL | Redis | Firebase

- Successfully published a React Native application on both iOS and Android platforms, capable of handling requests, such as payments
- Implemented a scalable server on AWS, utilizing a microservice architecture approach

## ACTIVE PROJECTS

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### Classio

Jan 2021 - May 2022

*Algorithmic Class Scheduler: [ekimerton.github.io/classio](https://ekimerton.github.io/classio)*

React | Flask | PostgreSQL | Selenium

- Deployed a web application for algorithmically scheduling classes, which was used over 5,000 times
- Developed an algorithm for generating timetables, which aimed to minimize time between classes and allowed users to customize their scheduling needs
- Released an open-source API for querying class information, which was originally utilized by the aforementioned web application

## EDUCATION

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Queen's University - Bachelors of Computing, Computer Science, GPA 3.8

Sept 2018 - May 2023