





Kabir Virji

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EDUCATION

University of Toronto

Toronto, ON

Honours B.S. Computer Science

Graduation: Spring 2021

- **Relevant coursework:** Algorithms, Operating Systems, Security, Human Computer Interaction

EXPERIENCE

Flagship

Tokyo, JP

Software Engineering Intern

8/2018 - 6/2019

- Deployed several custom Shopify e-commerce web applications using JavaScript, **Node.js** and Heroku, improving client's sales by an average of 40%
- Engineered re-usable UI components using **React.js**, which are still utilized in 100% of apps company-wide
- Migrated several APIs from REST to GraphQL, improving performance and application speeds by 33%
- Reduced developer on-boarding time by 50% by writing **Python** scripts for internal development operations
- Optimized **MongoDB** query performance by an average of 26% by refactoring existing schemas and queries

Rakuten

Tokyo, JP

Software Engineering Intern

5/2018 - 8/2018

- Leveraged React.js to develop a fully responsive lottery web application used by 1,000,000+ daily active users
- Managed and deployed development environments using **Docker**, increasing application load speeds by 28%
- Revamped **SQL** queries in an agile environment, minimizing query response time by an average of 12%

Curv

Toronto, ON

Software Engineering Intern

5/2017 - 8/2017

- Developed a fitness-based, client-facing mobile app using React Native, resulting in a partnership with the NFL
- Leveraged **GraphQL** to write database queries in **JavaScript**, optimizing application startup time by 37%

LemonStand

Vancouver, BC

Software Engineering Intern

05/2016 - 05/2017

- Engineered many e-commerce theme application features, such as a blog system, using JavaScript and PHP that increased conversion rates by 22%

PERSONAL PROJECTS

Color Therapy

2020

JavaScript, React.js, Spotify API

<https://github.com/kabirvirji/colorthrapy>

- Created a recommendation interface to generate personalized playlists using a "mood" quiz, driven by colors

Tokyo Toilets

2020

MongoDB, Express, React.js, Node.js

<https://github.com/kabirvirji/tokyotoilets>

- Engineered a mobile-optimized web application to help tourists with accessibility needs locate toilets in Tokyo

Single Spotify

2017

Node.js, JavaScript

<https://github.com/kabirvirji/singlespotify>

- Developed a CLI app playlist generator attaining over 4000 npm downloads and 200+ stars/trending on GitHub

LEADERSHIP

UofT Think Tank

President and Co-Founder

2016 - 2018

- Oversaw and facilitated the implementation of 10+ mobile and web application projects per school year

OTHER TECHNICAL SKILLS

Object Oriented Design, Python, ES6, TypeScript, Express, Jest, React Native, MySQL, Git, Unix, Docker