




Kabir Virji

 github.com/kabirvirji  kabirvirji@gmail.com  kabirvirji.com  linkedin.com/in/kabirvirji

EDUCATION

University of Toronto

Toronto, ON

Honours B.S. Computer Science

Graduation: 2021

- **GPA:** 3.3/4.0
- **Relevant Coursework:** Algorithms and Data Structures, Operating Systems, Databases, Software Design

EXPERIENCE

Flagship

Tokyo, JP

Software Engineering Intern

8/2018 - 6/2019

- Migrated several APIs from REST to GraphQL, improving performance and application speeds by 40%
- Utilized Node.js and Heroku to ship and maintain numerous web applications, including managing their respective environments and databases
- Engineered intuitive UI components using React.js and engaged in testing using Jest
- Designed relational and non-relational database schemas for several large-scale web applications
- Improved development efficiency by writing several cron jobs for server maintenance, and database updates

Rakuten

Tokyo, JP

Software Engineering Intern

5/2018 - 8/2018

- Leveraged React.js to develop a fully responsive web app interface used by millions of users daily
- Managed development environments using Docker, reducing middleware and increasing API speeds by 38%
- Revamped SQL queries in an agile environment, and updated PHP legacy code

Curv AI

Toronto, ON

Software Engineering Intern

5/2017 - 8/2017

- Increased development efficiency by coding concise, re-usable UI components in React Native
- Leveraged Apollo and GraphQL to write queries in JavaScript, optimizing app load speeds

LemonStand

Vancouver, BC

Software Engineering Intern

05/2016 - 05/2017

- Engineered theme features using JavaScript/HTML/CSS that increased conversion rates by 42%
- Utilized JavaScript, PHP, and SQL to create a blog system, amplifying customer interaction with their clients

PERSONAL PROJECTS

Music Messenger Bot

JavaScript, Node.js, Spotify API, Facebook API

2018

- Implemented a heap-based priority-queue for requested songs, improving run time to $O(n)$

Playlist Generator

JavaScript, Node.js, Spotify API

2017

- Attained over 1500 npm downloads and 200+ stars/trending on GitHub

ACTIVITIES

UofT Think Tank

President and Co-Founder

2016 - 2018

- President, Co-Founder, and technical lead of the UofT Think Tank, a club focused on facilitating technical discussions, and overseeing the implementation of several projects a year

TECHNICAL SKILLS

Languages: JavaScript, Python, SQL, C

Technologies: Git, Node.js, React.js, MongoDB, MySQL, Unix