

# [Kevin Mok] # \_

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Kev-Mok   
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## Overview

3<sup>rd</sup> year CS student. Enthusiast of all things Linux and FOSS. Seeking 16-month internship for my PEY co-op program. Looking to gain industry-relevant experience in full-stack web dev, DevOps or system administration.

## Skills

### Languages

- **Bash**, C, **CSS**, C++, **Fish**, Godot, **HTML5**, **Python**, Java, **Javascript (ES6)**, **Sass**

### Frameworks

- **Bootstrap**, **Django**, **Node.js**, **PostgreSQL**

### Services

- **DigitalOcean**, **Linux**, Heroku, **REST/Web API's**

### Tools

- **Arch Linux**, Android Studio, **Debian**, **Command Line**, **Git**, IntelliJ IDEA, **Pycharm**, **NGINX**, **SFTP**, **SSH**, **Vim**

## Projects

### Spotify Graphs

June 2018 – July 2018

- Scan tracks from user's library using Spotify API and organize data into database.
- Created and tested various **PostgreSQL** schemas to increase efficiency for use cases.
- Produce bubble chart and (stacked) bar chart in **d3 graphs** to visualize the artists, genres and features of tracks in library.
- Implement functionality to keep track of user's listening history. Set up **cron** job on my local machine to keep track of my own.
- Uses **Django** for backend.

### Grocery Finder

Feb. 2019 – Apr. 2019

- PoC for web app that finds the ideal supermarket based on your cart.
- Designed responsive front-end layout using **Bootstrap**.

- Implemented REST API functionality on backend using **Node.js** and **MongoDB**.
- Setup deployment on **Heroku**.
- Led team of 4 as project leader to prioritize and delegate tasks while also implementing a majority of the core features.
- Performed code review for team member's pull requests.

## ParsaFood

Feb. 2018

- **Android** app that reads ingredient labels and detects any dietary restrictions/allergies.
- Designed user interface and linked various functionality together.
- Made during a 24-hour **food-themed hackathon** in a group with two other members. Came in 2<sup>nd</sup> place and won an **Oculus Rift**.

## TrapBot

March 2018

- Use reddit API wrapper in **Python** to scan music subreddits for user comments containing common track listing formats.
- Match detected track name and artists to track on SoundCloud using another Python API wrapper.
- Respond to original poster's comment with formatted list of tracks found.
- Received positive comment from users who replied to the bot's posts.

## Personal Server

Aug. 2019–present

- Deployed various web apps with backends such as Node, PHP and Python using **NGINX** on a **Debian** server.
- Monitor system resources and perform system maintenance using tmux.
- Wrote **Node.js script** and **systemd service/timer** to check and display the uptime of my pages every hour.

## Work Experience

### Philpott Children's Tennis

2013–2015

*Head Instructor*

- Ran 8-week summer camp for inner-city youth with assistant coach.
- Prepared daily lesson plans for 4 different age groups of children with varying skill levels and needs.
- Supervised and ensured the safety and enjoyment of up to 20 children at once.

## Education

### University of Toronto

2017–2021

*Computer Science Specialist*