

[Kevin Mok] # _

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Kev-Mok 
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Overview

3rd 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** (shell), **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

- Implemented base functionality of scanning tracks and listening history from user's library using Spotify API and organized data into **PostgreSQL** database with **Django** backend.
- Created and tested various relational database schemas to maximize efficiency for use cases.
- Produced bubble chart and (stacked) bar chart using **d3** to visualize the artists, genres and features of tracks in library.

Grocery Finder

Feb. 2019 – Apr. 2019

- Web app that finds the ideal supermarket based on your cart and needs.
- 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 members' 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 2nd 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