

# Sami Junior Kahil

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## Education

### McGill University

B. ENG. INTERNSHIP PROGRAM IN SOFTWARE ENGINEERING  
GPA: 3.52

Montreal

Sept 2018 – May 2022

## Work Experience

### Cookiestruct

SOFTWARE ENGINEER INTERN

Montreal (Remote)

May 2020 – Aug 2020

- Conducted a cost-benefit analysis to determine whether to self-host website, use WordPress/Wix, or use Shopify
- Discussed UI requirements and functionality with the marketing team
- Developed front end on Shopify using HTML, CSS, & Shopify's Liquid Code
- Increased revenue by 6% after new website was deployed
- Developed a Python-Selenium script to automate the creation of shipping labels
- Saved coworkers 30min-1hr of work per week using the Python script
- Developed backend using Python & Google Apps Script on the Google Cloud Platform that takes care of order notifications, custom order information, and customer email sending

### McGill University

TUTOR

Montreal (Remote)

Jan 2021 – Present

- Classes tutored: Calculus I & II, Intro. to Software Systems

## Projects

### Event App

COMPANION APP FOR FIRST YEAR STUDENTS TO CARRY AROUND DURING FROSH & ORIENTATION WEEK!

Flutter, Dart

[juniorco.github.io/web/event-app](https://juniorco.github.io/web/event-app)

### Chess WebApp

PLAY CHESS AGAINST AN AI (IN PROGRESS)!

Flask, Vue.js

[juniorco.github.io/web/chess-app](https://juniorco.github.io/web/chess-app)

### Personal Website

MY PERSONAL WEBSITE & BLOG.

GitHub Pages, Jekyll

[juniorco.github.io/web](https://juniorco.github.io/web)

### Registration WebApp

COURSE PROJECT: REGISTER FOR EVENTS ON A WEBAPP.

Java Spring, Vue.js, Heroku, SQL

[juniorco.github.io/web/ecse321](https://juniorco.github.io/web/ecse321)

### Robotics

COURSE PROJECT: OPTIMAL CONTROL OF A CART-POLE USING LQR & PATH PLANNING USING A\*.

Python

[juniorco.github.io/web/comp417](https://juniorco.github.io/web/comp417)

### Simulating Self-Navigating Robot \*

COURSE PROJECT: DESIGNED A SELF-NAVIGATING ROBOT IN A TEAM OF 6. WORKED AS THE PROJECT MANAGER AND LEAD THE TEAM TO WIN 2ND PLACE OUT OF 20 TEAMS!

Java, Webots

[juniorco.github.io/web/ecse211](https://juniorco.github.io/web/ecse211)

## Awards

May 2020

**McGill Startup Internship Program**, Scholarship award for being one of 10 students selected to participate in the program.

McGill University

Dec 2020

**2nd Place in course project \***, As project manager, I successfully lead a team of 6 to win 2nd place for best self-navigating robot.

McGill University

## Skills

**Programming Languages:** Java, C, Dart, Python, OCaml, Javascript

**Technologies:** Java Spring, Flutter, Bash, Zsh, Linux, Flask, Google Cloud Platform, Vue.js, Jekyll, Webots