

# 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

- Recommended shareholders to use a Shopify store rather than WordPress/Wix/self-hosting
- Teamed with 5 people to deliver a highly attractive Shopify store
- Surveyed 50 customers about their website experience
- Resolved technical and design issues with the website within 1 hour, even on weekends!
- Developed frontend using HTML, CSS & Shopify's Liquid
- Architected backend using the Google Cloud Platform in Python (\$0 spent!)

Montreal (Remote)  
May 2020 – Aug 2020

### McGill University

ACADEMIC TUTOR

- Tutored students in Calculus I & II, and Intro. to Software Systems

Montreal (Remote)  
Jan 2021 – Present

## Projects

### Event App

- COMPANION APP FOR FIRST YEAR STUDENTS TO CARRY AROUND DURING FROSH & ORIENTATION WEEK!
- DESIGNED THE UI & IMPLEMENTED IN A TEAM OF 2

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

### Self-Navigating Robot - Project Manager

- COURSE PROJECT: TEAMED WITH 6 PEOPLE TO DESIGN AND BUILD A SELF-NAVIGATING ROBOT!
- PRIORITIZED & DELEGATED TASKS TO MEET WEEKLY DEADLINES (DID NOT MISS A SINGLE DEADLINE)
- LEAD THE TEAM TO WIN 2ND PLACE OUT OF 20 TEAMS (120 STUDENTS)!

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

### Robotics

- COURSE PROJECT: PATH PLANNING USING A\* & RRT, AND OPTIMAL CONTROL USING LQR
- ACHIEVED FULL MARKS WITH BONUS POINTS FOR CODE READABILITY & ALGORITHM SPEED (TOP 10% OF STUDENTS)

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

### 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)

### Personal Website

- MY PERSONAL WEBSITE & BLOG

GitHub Pages, Jekyll  
[juniorco.github.io/web](https://juniorco.github.io/web)

### 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)

## Awards

May 2020	<b>McGill Startup Internship Program</b> , Scholarship award for being one of 10 students selected to participate in the program.	McGill University
Dec 2020	<b>2nd Place in Simulating Self-Navigating Robot</b> , Led a team of 6 as project manager to win 2nd place out of 20 teams (120 students) for best self-navigating robot.	McGill University

## Skills

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

**Technologies:** Java Spring, Flutter, bash/zsh, Flask, Google Cloud Platform, Vue.js, Jekyll, JUnit, Selenium