

# Graeme Woods

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## EDUCATION

B. Eng. Software Engineering Co-op - McMaster University

Grad: Apr 2022

**Relevant Courses:** Software Design, Data Structures & Algorithms, Information Security

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## EXPERIENCE

**QED** May – Aug 2020, May – Aug 2021

**Backend Developer Co-op** Remote

- Transitioned a large REST API to **GraphQL** along with writing detailed and specific documentation to greatly improve maintainability.
- Added **Django** JSONFields into our database to increase versatility across our existing models while preserving our custom sorting and searching functionality.
- Created a Chrome extension to instantly copy the sessionid cookie for use in debugging requests in **Postman**.
- Migrated 50+ routes in a **Django** REST API to a new architecture while maintaining backwards compatibility.
- Built a **Slack bot** to send actionable server notifications to the bug team.

**Caliber Communications** Jan – Apr 2020

**Full Stack Developer Co-op** Hamilton, ON

- Built configuration tools from scratch for specialized security hardware using **Electron** and **Express JS**.
- Designed features and components for Caliber's internal **Angular JS** application used by 50+ employees daily including monitoring reports and live camera feeds.
- Wrote **Puppeteer JS** browser automation scripts to access and apply settings to security devices without an API.

**5Fold** May – Aug 2019

**Frontend Developer Co-op** Barrie, ON

- Built high traffic **Gatsby JS (React)** sites while working closely with designers.
- Collaborated with the design team to create lightweight, high conversion landing pages.
- Created portable and efficient React components using ES6 and **React Hooks**.
- Achieved 100% Google Lighthouse score on all projects by implementing **Google's Progressive Web App** guidelines and **AODA's** accessibility standard.

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## PROJECTS

**Vaccine Appointment Finder**  May 2021

- Built a **Vue JS** app to display all available vaccine appointments in the Halifax region using a clean, sortable table.
- Used an **AWS Lambda** function in **Node JS** to pull data directly from the provincial database.
- Integrated the **Google Maps Directions API** to allow for sorting each appointment location by distance.

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## SKILLS

**Languages:** JavaScript, Python, TypeScript, HTML, SCSS, Bash

**Frameworks/Tools:** Node.js, React, Vue.js, Django, PostgreSQL, Git, AWS Lambda, Netlify, Firebase, Jira