Cooper MacGregor, Software Developer Intern

Guelph, ON, Canada, (705) 443-7166, cmacgr01@uoguelph.ca

PROFILE

Hardworking and enthusiastic University Student working towards a BSc. in Computer Science. Knowledgeable in user interface, testing, and debugging processes. Able to effectively self-manage during independent projects, as well as collaborate in a team setting. Equipped with a diverse and promising skill-set. Proficient in various platforms, languages, and embedded systems.

EDUCATION

Sep 2021 - Apr 2025, Bachelor of Computer Science - Honors, University of Guelph

TECHNICAL SKILLS

C, JavaScript, Python, SQL, React, Tailwind CSS, Git, HTML, CSS

COURSEWORK

Data Structures, Analysis & Design of Computer Algorithms, Software System Development & Integration, Object-Oriented Programming, Discrete Structures in Computing 1 & 2, Intermediate Programming, Microcomputers, Calculus

PROJECTS

Camp-EZ

Changing the way campgrounds manage bookings allowing campers to check availability online and book a site in seconds. Traditionally this industry has continued to use email and calling to book campsites, leaving campers frustrated and confused when it comes to what they're getting from the site.
Built using React, django, Tailwind CSS, and Stripe.
https://github.com/cooopmac/campsitemanagementsystem

The Lazarus Method

Course and Progress Tracking Web Application for Dr. Ryan Lazarus in California, a Naturopath focused on helping patients improve their health and wellness physically, mentally, and spiritually.
This Web App uses the Django Framework with Python, Postgres, JavaScript, HTML, and CSS.
https://github.com/justinbather/lazarus-method

Molecule Generator

The Molecule Generator is a web application that allows you to create, manipulate, and visualize molecular structures. It provides a user-friendly interface for managing atoms and molecules, changing atom colors, and generating SVG representations of molecules.
Built using C, Python, HTML, JavaScript, HTML, CSS, SQLite.
https://github.com/cooopmac/moleculegenerator

Personal Portfolio

This is a portfolio website showcasing my projects, skills, and experience. The website is designed to provide an overview of my work and expertise to potential employers, clients, and collaborators.
Built using HTML, CSS, JavaScript, React, Tailwind
https://cooper-macgregor.netlify.app/