

Aadil Somani

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Education

University of Waterloo

Bachelor of Computer Science, Co-op Program

Waterloo, ON

2021 – Present

- **Skills:** Data Structures & Algorithms, Operating Systems, Artificial Intelligence, Learning Models, Computer Graphics, OOP

Wilfrid Laurier University

Bachelor of Business Administration, Co-op Program

Waterloo, ON

2021 – Present

- **Skills:** Business Strategy, Financial Management, Accounting, Marketing, HRM

Work Experience

Skan - AI Skincare

Software Engineer Intern

Waterloo, ON

May 2025 – Present

- Used React Native to redesign mobile app onboarding pages on iOS and Android
- Managed memory and optimized screens to improve load times and **increased users on Android by 45%**

Wilfrid Laurier University

Research Assistant - Data Science

Waterloo, ON

Mar. 2025 – Present

- Classified and **predicted brand personality traits** of Etsy pages, analyzing patterns and **correlation to sales**

Richardson Wealth

Application Support Co-op

Toronto, ON

Sept 2024 – Dec 2024

- Managed and maintained several **internal applications**, user accesses and managed **application databases**
- Provided **Dynamic SQL queries** for investment advisors seeking specific customer data, alongside application support through **OTRS**, improving investment advisor efficiency
- Automated several tasks using **Excel macros** and **web automation**, saving **25+ hours of manual work**

Civiconnect

Web Development & Cloud Deployment Associate

Beamsville, ON

Jan. 2023 – Apr. 2023

- Incorporated skills in **Figma, HTML** and **CSS** to design and implement a website for events and promotions in the Niagara region
- Organized and automated the integration of business data into a content management system, implementing **Strapi** into **HTML**
- Efficiently used **Python** and **Google Images API** to automate downloading images directly to a **CMS**

Bevy Commerce

Development Intern

Cambridge, ON

Jul. 2018 – Sep. 2021

- Quickly adapted to the **agile environment** by learning **web scraping, data analysis**, scripting, and data management
- Effectively utilized various programming languages including **Python, JavaScript, SQL, Git, Bash, HTML, and CSS** to create new features and implementations, including a **reactive pricing slider**
- Analyzed large amounts of product data using **Pandas** to re-index websites for **Shopify migration**
- Creatively redesigned company log-in page through the use of **HTML5** and ensured device-wide responsiveness
- Used **AWS** to create and manage web servers, using **Linux virtual machines** to ensure a consistently stable platform
- Worked alongside companies including **Sennheiser** and **Burke Decor**, automating several tasks as well as parsing through data through a combination of web scraping and several CSV libraries

Projects

- **Stratego-based Video Game** 🎮: Creatively designed and implemented a unique Stratego-based two player video game using C++, practicing the use of efficient memory management as well as virtual classes and methods
- **Rasterizer / Ray Tracer**: Software-based rasterizer and ray tracer with motion physics, reflections, shadows and a full fledged animated simulation
- **Wordle Solver**: Recreated NY Time's Wordle in C playable through command line, along with an automatic Wordle solver
- **Social Media Backend** 🌐: Built prototype for backend of creator-oriented artistic social media platform. Supported user engagement and content sharing features.

Skills & Interests

Languages: Python, C++, C, React, HTML, CSS, SQL, JavaScript, Bash

Soft Skills: Public Speaking, Leadership, Problem Solving

Tools: Figma, MS Office, Windows, iOS/Android

Interests: Software Mods, Jailbreak, Custom OS