

Carter Reid

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EDUCATION

University of Waterloo

Canidate for Bachelor of Computer Science (2B CO-OP)

Waterloo, ON

Sept. 2023 – April 2028

EXPERIENCE

Software Developer

Jan 2025 – Apr 2025

Tuq

Waterloo, ON

- Designed and implemented comprehensive test suites using Cypress to ensure web application reliability and accuracy, focusing on edge cases and user interactions.
- Developed a fully functional pharmacy web application, enabling users to renew prescriptions, book appointments, and manage their profiles seamlessly.
- Leveraged JavaScript, TypeScript, and React to build dynamic and reusable UI components, improving development efficiency and user experience.
- Collaborated with a team and worked on a collective project, managing staging, version control, and focusing on communication

Sales Marketing Coordinator

Jun 2024 – Aug 2024

Electrolux

Mississauga, ON

- Developed a program to automatically populate emails with various product details from a database using Python and Pandas library
- Created a VBA Script to automate the sending of thousands of unique emails to multiple different addresses
- Generated business interest and brand awareness through a large-scale email marketing campaign targeting over a thousand developers, thousands of construction projects, and over half a million living units

Robotics Technical Assistant

Jun 2023 – Jun 2023

Indigesteam Robotics Workshop

Ottawa, ON

- Assisted students in building, designing, and programming SPIKE robots
- Collaborated with team members to troubleshoot and resolve technical issues with robotic systems
- Helped with the set up and organization of the robotic events

PROJECTS

Blackjack Web App | Javascript, Typescript, React, Cypress

Dec 2024 – Jan 2024

- Created a Blackjack web app, implementing core game mechanics like card dealing, hitting, standing, and splitting, as well as automated dealer turns and scoring.
- Developed an intuitive and responsive user interface using React, ensuring smooth gameplay across devices.
- Integrated Cypress for end-to-end testing, ensuring the app's functionality and user interactions worked as expected.

Custom Email Suite | Python, VBA, Pandas, Power Automate

Jun 2024 – Aug 2024

- Created a Python program to create customized emails from an excel data base, adding hyperlinks, tables and images based on user data
- Developed a VBA Script to compile and send thousands of unique custom emails with attachments to many different housing developers
- Implemented a Power Automate script to automatically update a tracking spreadsheet and send a reply email with more information when receiving a response

Dynamic Wordle | Java, Graphics2D, JFrame

Nov 2022 – Dec 2022

- Created a custom version of Wordle, capable of customizing the number of guesses and letters
- Utilized a repository of over 160k words as a dictionary
- Implemented a complete GUI with keyboard interaction and user feedback

TECHNICAL SKILLS

Languages: Java, Javascript, Typescript, C/C++, Python, SQL, React, Bash, VBA, Racket

Developer Tools: Git, GitHub, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Webstorm, Cypress

Libraries: Pandas, NumPy, JFrame, Graphics2D, Cypress