

Jake Waldner

Certain Personal Information Redacted

[LinkedIn](#) | [GitHub](#)

CO-OP STATUS

- Will have completed four of eight academic terms in Winter 2025
- Will be available for first co-op work term in Summer 2025

EDUCATION

Bachelor of Computer Science, Dalhousie University

September 2023 – Present

- Relevant Courses: Data Structures & Algorithms, Server Side Scripting, Database Systems, Software Development
- 4.0 GPA (as of Winter 2024)

SKILLS

Technical – Java, MySQL, Python, HTML, CSS, JavaScript, PHP, NodeJS, Git, Linux, SAP UI5, C++, C

Interpersonal – Time Management, Organization, Project Management, Accountability, Verbal and Written Communication, Collaboration

PROJECTS

Bubble Bash, Global Game Jam

2025

- Created a competitive local multiplayer fighting game for PC/Mac in 48 hours
- Collaborated closely with teammates on game concept and design, utilizing both Unity and C#
- Contributed original music and sound effects, all created from scratch in Ableton Live

SimpleEQ, Personal Project

2025

- Created an equalizer audio plugin in C++ using the JUCE Framework
- Shapes the frequency content of audio, with several different sliders for customization
- Usable inside any modern digital audio workstation (VST3 and AU)

Connections Lab, Personal Project

2024

- Created a version of the popular New York Times web browser game *Connections* that allows players to create and share their own custom puzzles as .csv files.
- Hosted on GitHub Pages

Daily-Driving Linux, Personal Project

2021 (Ongoing)

- Installed and used several Linux Distributions (including PopOS and Fedora) as the primary operating system on a personal workstation for over three years as a hobbyist endeavour in open-source software
- Worked with many open-source applications and tools including Flatpak, WINE, RPM, Lutris, and Portmaster
- Resolved complex technical and compatibility issues and performed troubleshooting on Linux systems

RELEVANT EXPERIENCE

Independent Consultant in Program Design, Scratchpad

September 2022 – August 2023

Halifax, NS

- Completed a course on Python 3 Programming Specialization with the University of Michigan as training.
- Built products for clients using various programming languages and frameworks.
- Worked under tutelage of senior developers.
- Gained experience with front-end and back-end development

Independent Consultant in Program Design, 3787774 NS LTD

January 2022 – August 2023

Middleton, NS

- Completed a self study course on SAP UI5 as training
- Built sign-up pages using SAP UI5
- Gained experience with front-end web design

OTHER EXPERIENCE

Enumerator, Statistics Canada

April 2024 – June 2024

Ottawa, Ontario

- Delivered over 700 mailers within one week
- Worked face-to-face with the public almost exclusively
- Handled sensitive and confidential materials such as personal information with incredible care and precision
- Demonstrated time management skills when it came to managing and logging hours
- Was the single youngest member on the team for the region

Various Work, GMV

2012 – August 2024

Nova Scotia

- Worked with various pieces of equipment over 10+ years experience
- Repaired and replaced posts, stakes, and clips. Laid down and put up fruiting and canopy wires, alongside running netting panels for protection against birds
- Gained experience with preparing cuttings in preparation for planting
- Handled herbicides in an agricultural setting for weed control
- Worked both as a picker and bucket runner as part of a harvest crew of up to 16+ people

VOLUNTEER EXPERIENCE

Volunteer, 12 Baskets Foodbank

2018 – 2020

- Helped out as part of the Wednesday restock crew during summers and various school holidays

Student Captain, Debate Team

September 2016 – March 2020

Middleton Regional High School

- Volunteered in dozens of fundraising events including barbecues, 50/50 sales, and drive-in movie nights, alongside speaking engagements to promote the program to other students.
- Acted as the Student Captain from 2019-2020 and representing the team's interests in student council and cabinet meetings.