# Jake Waldner

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

## EDUCATION

**Bachelor of Computer Science (Co-op)**, Dalhousie University                    September 2023 – Present
- Relevant Courses: Data Structures & Algorithms, Server Side Scripting, Database Systems, Software Development
- **4.0 GPA**

## SKILLS

**Summary** – Java, Maven, MySQL, Python, HTML, CSS, Bootstrap, JavaScript, Typescript, PHP, NodeJS, Git, Linux, SAP UI5, C++, C, Virtualization

## 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

## PROJECTS

**[SimpleEQ](#)**, Personal Project                                                                                            2025
- Created an equalizer audio plugin (VST, AU) in C++ using the JUCE Framework
- Shapes the frequency content of audio, with several different sliders for customization

**[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.

**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 four years as a hobbyist endeavour in open-source software
- Worked with many open-source applications and tools including Flatpak, WINE, and RPM
- Resolved complex technical and compatibility issues and performed troubleshooting on Linux systems