**Alexander Harding**

Aspiring Web and Application Developer

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[LinkedIn Profile](https://www.linkedin.com/in/alexander-harding-71b661265/) • [Github](https://github.com/BackwardsUser/) • [Gitea](https://git.backwards.dev/)

# SUMMARY OF SKILLS

* Strong team player with experience collaborating effectively to achieve common goals.
* Skilled problem solver, resolving issues promptly and efficiently.
* Proficient in identifying and debugging errors in code.
* Fast learner, quickly adapting to new technologies and concepts.
* Clear communicator, experienced in mentoring and teaching others to improve their technical skills.

# TECHNICAL SKILLS

Languages: Typescript, JavaScript, C#, Python, Java.

Tools: NodeJS, Git, Docker.

**WORK EXPERIENCE**

**Jr Application Developer (Co-op) August 2024 – December 2024**

[Closed Caption Creator](https://www.closedcaptioncreator.com/) Remote Position

* Developed caption conversion functions for Closed Caption Converter.
* Implemented a directory page for a new CMS, enabling clients to efficiently view and organize their assets.
* Worked closely with another co-op developer to troubleshoot and refine code, enhancing efficiency and learning collaboratively.
* Attended a client meeting with A+E, gaining valuable insight into industry standards and professional communication.

# EDUCATION

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| --- | --- |
| **Computer Systems Technology:** | **2022 - Present** |
| **Software Development** | Hamilton, ON |
| Mohawk College |  |

# ACTIVITIES AND INTERESTS

* **Passionate Programmer**
  + Developed a custom reverse web proxy for hosting personal websites, using TypeScript, NodeJS and ExpressJS.
  + Built personal websites such as [backwards.dev](https://www.backwards.dev), utilizing Svelte for the front end and Express.js for the backend.
  + Self-taught coder since 2020, currently enhancing skills through formal education since 2022.
* **Self-Hosted Infrastructure Enthusiast**
* Managed my parents’ home network and hosted game servers for friends, ensuring high uptime and quick recovery during outages.
* Acted as a server administrator and support contact, troubleshooting crashes and restoring services within a few hours.
* Hosted and maintained game servers (Minecraft, Rust, Tarkov, etc.), adapting quickly to new game preferences.
* Progressed from bare-metal hosting on Windows to Docker containers on Ubuntu Server, later transitioning to AMP (a home-hosted game server management panel) by CubeCoders for faster deployment and better scalability.
* Self-hosting a private Gitea instance at [git.backwards.dev](https://git.backwards.dev/), where I manage personal projects that don’t fit on GitHub, such as experimental code and private repositories.
* **Hardware & System Design Enthusiast**
  + Passionate about PC hardware, regularly researching component prices and future upgrade paths.
  + Designed three PC builds in PCPartPicker, including:
    - A Linux workstation with a KVM switch for seamless OS switching.
    - A potential AI server for running an Ollama instance.
    - My current PC, with planned upgrades for better performance.
  + Interested in experimenting with Rasberry Pi for self-hosted applications, automation and lightweight computing.