Deven Perez

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OBJECTIVE

As an ambitious and driven software engineer, I am seeking a development co-op position for Summer 2023 to leverage my extensive technical skills, problem-solving abilities, and passion for innovation in a team-oriented environment.

EXPERIENCE

Web Developer Co-op   Sept 2019 – Jan 2020
Iconic Group   Pickering, ON

- Utilized **WordPress** to revamp client websites and enhance their functionality and design aesthetics, resulting in a significant increase in overall traffic and engagement for their users.
- Enhanced the design and layout of website templates using **CSS** and styling techniques, resulting in a more visually appealing and user-friendly experience for our customers.
- Spearheaded the organization and archiving of article backlogs for clients, establishing a global database that improved project management and efficiency for future developments.

PROJECTS

Pacman Recreation   Jan 2023

- Recreated the Pacman arcade game in a one-player **Java** environment through a precise algorithm, complete with all maps, levels, and ghost tracking behaviors implemented with a high level of precision and attention to detail.
- Developed advanced problem-solving abilities to overcome complex programming challenges and optimize game performance, resulting in an authentic gaming experience that accurately replicated the original.

Simple Search Engine   Dec 2021

- Applied expertise in Java and Python programming to create two search engines that crawled linked webpages, utilized cosine similarities and the PageRank algorithm to sort, and provided accurate and relevant results.

Personal Portfolio   Aug 2022

- Exhibited mastery of web development languages such as **HTML**, **CSS**, and **JavaScript** by creating a professional and visually appealing personal portfolio website from scratch, integrating dynamic color themes and mobile-friendly design to optimize user experience.

EDUCATION

University of Waterloo   Sept 2021 – Apr 2026
Honours Bachelor of Mathematics (Computer Science)

- Achieved a perfect CGPA in an accelerated computer science computational thinking course.
- Collaborated with teammates to advance technical programming skills and create complex programming projects such as a challenging puzzle platform video game with increasing difficulty.

Awards

- Top 17% in the Canadian Computing Contest held by the University of Waterloo   Feb 2021
- Top 25% in the Euclid Mathematics Contest held by the University of Waterloo   Apr 2021

SKILLS

Languages: Java, Python, HTML, CSS, JavaScript, C, Racket, SQL, Bash
Technical Skills/Tools: OOP, Version control (Git), Abstraction, GitHub, VSCode, Eclipse, IntelliJ