PAIGE MCDOUGALL

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OBJECTIVE

Engineering student with 2+ years experience in OOP seeking 4 month Software Engineering coop starting in Summer 2024.

EDUCATION

Bachelor of Computer Engineering, University of Toronto — Expected 2026
Relevant Coursework: Relevant Courses: Software Communication and Design, Programming Languages.

Awards: Edward S Rogers Sr.Admission Scholarship (2021), Dean's Merit Award (2021).

SKILLS

Technical Skills	C, C++, MATLAB, Verilog, CSS, HTML
Technologies	ModelSim, LT Spice, Linux, Windows
Soft Skills	Leadership, Agile Teamwork, Communication

EXPERIENCE

Barista — May 2022 - Present
Starbucks — *Toronto, ON*

- Utilized point-of-sale systems and inventory management software to track and manage stock levels and orders.
- Demonstrated adaptability by quickly learning and implementing new drink recipes and seasonal promotions.
- Leveraged strong time management skills to handle a high volume of orders efficiently during peak hours.
- Managed daily operations with a focus on delivering exceptional customer service to a diverse clientele.

Grocery Clerk — Nov 2018 - Aug 2021
Nesters Market — *Squamish, BC*

- Efficiently managed and maintained the organization of store shelves, ensuring accurate placement of products and facilitating a seamless shopping experience for customers.
- Effectively communicated with team members and management to address inventory issues and maintain optimal stock levels.

PROJECTS

GIS Tool. Developed route-finding map application in Visual Studios (VS) Code using **C++ and OpenStreetMaps API** to display dynamic map details across 7 international cities. Processed data, implemented visual design heuristics for equity and accessibility, and search algorithms such as **Dijkstra**, **A***, and **Greedy algorithm** with 3-/4-OPT.

FPGA Game. Developed a rhythm-based game on an **FPGA** system with a VGA display using **verilog** and ROM data storage. Demonstrated proficiency in real-time signal processing, embedded systems, and a passion for innovation.