

Matthew Curtis

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Skills

C

Java

Python

Bash

Git

Programming Projects

C

- Built a lcalendar processor that reads .lcal files and prints them to the terminal, in chronological order.
- Assembled a math library to assist with matrix and vector math.

Python

- Deployed a personal portfolio website using Flask to show off my other projects.
- Created a Battle-snake using a modified flood fill algorithm and basic heuristics to avoid traps.
- Generated randomized SVG's with customizable perimeters using an object oriented design.

Education

Bachelors of Software Engineering - University of Victoria, Victoria

May 2021 - Present

Industrial Instrumentation Technician Diploma - North Island College, Courtenay

September 2018 - May 2020

- Designed the Human Machine Interface for a hand sanitizer bottling production line.
- Developed the software for a traffic light control system with a pedestrian walk light, using a Programmable Logic Controller.

EXPERIENCE

Stocker - Costco, Comox Valley

May 2019 - Present

- Provided prompt and courteous service to members. Helped members load large items into their cart, directed members to products, and related product status knowledge.
- Followed merchandising standards and practices. Aligned and stocked products, and collected and returned stray items.
- Communicated with supervisors and managers to determine merchandising plans and priorities.

Swing Manager - Mcdonald's, Comox Valley

April 2016 - May 2019

- Ensured that the Occupational Safety and Health Act, local health and safety codes, and company safety and security policies were followed.
- Motivated and coached Crew Members, and assisted in the training of new Crew Members.
- Led Crew Members and directed all daily operations of the restaurant in the absence of the General Manager.