

# Matthew Curtis

Victoria, BC  
(403) 392-8234  
MatthewCurtis1999.com

## 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 relates 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.

## EDUCATION

### **Bachelors of Software Engineering** - University of Victoria, Victoria

May 2021 - Present

- **Software Development Methods** - I learned bash, git, and Jupityer Notebooks. I also learned how to set up and use a virtual machine. I used the python testing library unittest to facilitate quick regression testing.
- **Data Structures & Algorithms 1** - I learned basic data structures in addition to trees and a brief covering of graphs. I learned about sorting algorithms and some of their niche use cases.

### **Industrial Instrumentation Technician Diploma** - North Island College, Courtenay

September 2018 - May 2020

- Designed the Human Machine Interface for a hand sanitizer bottling production line.
- Used AutoCAD 2018 for wiring and schematic diagrams for a widget-making machine.
- Designed the software for a traffic light control system with a pedestrian walk light, using a Programmable Logic Controller.

## Programming Projects

Created a battlesnake that uses the Floodfill algorithm and basic heuristics to avoid dying.

Created a python program that creates randomized SVG's depending on parameters.

Created a simple encryption and decryption program based on the Caesar cipher in C.

Created a variety of functions that handle matrix and vector math in C.

## SKILLS

WorkSafeBC OFA Level 2:

Administered by Saint John's Ambulance, valid until September 18th, 2023.

## AWARDS

**5th Place In Destination Imagination Global For Structural Senior Division:**

Created a structure made of balsa wood that weighed under 25g and held over 680kg, in addition to writing and performing an 8-minute long skit about conflict resolution.