

# Michael McVicar

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## PROFESSIONAL EXPERIENCE

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### Manager

*Sugah Confectionery & Ice Cream Emporium*

*Apr. 2023 - Aug 2023*

- Implemented comprehensive training programs for new staff, preparing them to thrive in a high-pressure, fast-paced work environment
- Managed inventory scheduling and coordinated ordering processes with international distributors
- Conducted interviews for prospective employees and provided support in the hiring process
- Organized the work schedule for our team and oversaw the efficient management of payroll

### Manager

*Rum Runners Rum Cake Factory*

*May 2023 - Aug 2023*

- Supervised and trained factory staff, creating a positive and productive work environment
- Managed inventory of raw materials, optimizing their use in the production of premium rum cakes
- Conducted regular performance reviews and provided feedback to improve employee performance
- Developed and administered the staff work schedule, ensuring optimal staff rotation

### Sole Charge Sales Associate

*Davy Jones Locker - Clothing and Accessories*

*May 2023 - Aug 2023*

- Stocked, replenished, and organized inventory with accuracy and efficiency
- Demonstrated in-depth knowledge of the store's products to guide customers in their purchases
- Resolved customer inquiries, employing problem-solving skills and a customer-first mindset

## TECHNICAL SKILLS

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**Languages:** Python, C++

**Frameworks/Libraries:** PyGame, Tkinter, PyTorch, Beautiful Soup

**Tools:** Microsoft Office, SolidWorks/CAD, Figma, Adobe XD, VS Code, PyCharm, Git, Google Drive

## PROJECTS

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### Pathfinder | Python

- Developed a pathfinding algorithm visualizer in Python leveraging the Breadth First Search algorithm
- Utilized advanced Python libraries such as Tkinter and PyGame to create a user-friendly interface for the visualizer
- Demonstrated the ability to translate complex mathematical concepts into practical software solutions

## EDUCATION

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**University of Waterloo**

**Waterloo, ON**

*Candidate for Bachelors of Applied Science - Systems Design Engineering*

*Sep. 2023 - May 2028*