

# Michelle Sroka

[mjsroka@umich.edu](mailto:mjsroka@umich.edu) ✱ [\(313\)-265-6839](tel:(313)-265-6839) ✱ [Website](#) ✱ Livonia, MI

## Education

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### University of Michigan - Dearborn

**Graduation Spring 2023**

Bachelor of Computer Science

GPA 3.4 Dearborn, MI

- **Current Coursework:** Engineering Probability and Statistics (IMSE 317), Software Engineering I (CIS 375), Intro to Python (CIS 298)
- **Developers of Dearborn:** Assisted in programming, designing, and animating a 2D tower defense game using C# and Unity, becoming familiar with collaborating with others using Git commands.

### Schoolcraft Community College

**Graduated December 2020**

Associate in Science

Livonia, MI

- Phi Theta Kappa Honors Society.
- Dean's List Fall & Winter 2019.

## Skills

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- **Languages:** C#, C++, Python, HTML/CSS/Javascript.
- **Operating Systems:** Apple, Windows 11, Windows 7.
- **Tools & Technologies:** Git, Minitab, Tableau, Openmarkov, AutoCAD, SolidWorks, Microsoft Office, Unix, Unity, UML, Use-Case Diagrams.
- **Interpersonal Skills:** Adaptable, creative, time management, organizational, problem-solver.

## Recent Projects

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- **Brood-Mother (C#):** A group project completed by the Developers of Dearborn using the Unity game engine. Personal contributions include programming the short-range tower to disperse projectiles in 4 directions as well as doing minor animation work and designing art concepts for towers and characters.
- **Simulating Processor Usage (C++):** Determines how many processors should be used to process jobs most efficiently using a priority queue. Avoided factors such as overloading the queue or a continually empty queue to produce the most effective processing environment. Evaluated the resulting metrics with a team.
- **Horse Racing Program (C++):** Created a minigame featuring multiple menu screens, a deposit/withdrawal ATM to access a virtual balance, and an array of horse names that users can place bets on to win or lose money accordingly.

## Work Experience

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### Busch's Fresh Food Market

**September 2020-Present**

Deli/Bakery Associate

Livonia, MI

- Troubleshooting printers and bluebird systems.
- Assisted 50-100 guests per shift in serving products and finding goods across the store.
- Provided courteous service to new and returning guests resulting in customer loyalty.

### Little Caesars

**June 2018 – August 2020**

Crew Member

Livonia, MI

- Trained employees on the company standards for product preparation to ensure quality service.
- Assembled and organized multiple large food orders in a timely manner.
- Worked collaboratively with other team members in a fast-paced setting.