Michelle Sroka

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Education

University of Michigan - Dearborn   **Graduation Spring '24**
Bachelor of Computer Science   *3.4 GPA   Dearborn, MI*
- **Developers of Dearborn:** Assisted in programming, designing, and animating 2D games using C# and Unity, becoming familiar to collaborating with others using Git commands.

Schoolcraft Community College   **Graduated December '20**
Associate in Science   *Livonia, MI*
- Phi Theta Kappa Honors Society.

Skills

- **Languages:** Python, SQLite, HTML/CSS, C#, C++.
- **IDEs:** Visual Studio, VS Code, Xcode, SQL Server 2018.
- **Operating Systems:** Windows 11, Apple, Linux
- **Tools & Technologies:** Git, Github, Microsoft Azure, Microsoft Office, PowerBI, Minitab, Tableau, BigML, OpenMarkov, Unity, OneDrive, Google Drive, Microsoft Teams.
- **Interpersonal Skills:** Adaptable, creative, customer service, organizational, and written communication.

Recent Projects

- **J.M.C Scholarship System**(Python(Flask,SQLAlchemy)): Led a 3-person team on a full stack project where students would be allowed to enter in information to create an application for scholarship consideration. The entries must match previous database records. The fulfilled applications can then be viewed by committee members and automatically compared to find the best suitable candidates.
- **Quality of Life Worldwide (Tableau, Minitab, OpenMarkov, SQL):** Worked as a team leader to conduct a statistical analysis presentation using real-world datasets to compare countries on how their quality of life and happiness have been affected by COVID-19, cost of living, literacy, and more.
- **[Brood-Mother](#)(C#): '**Developers of Dearborn' group project 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.

Work Experience

Medical Advantage   **March '22 - Present**
Healthcare Analytics & Informatics Intern
Novi, MI
- Maintained validation of administrative and clinical data to generate performance metrics.
- Assisted in the identification and reporting of patterns as well as anomalies within clinical and financial data.
- Assist in the design of individual physician and group-level financial and medical performance reports.

Busch's Fresh Food Market   **September '20 - March '22**
Deli/Bakery Associate   *Livonia, MI*
- 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.
- Multitasked guest service while preparing packaged meals and items.