**Wyatt M. Towne**

3042 Schaeffer St., Carrollton, MI 48604

(989) 397-5957 | wmtowne@svsu.edu

EDUCATION

**Bachelor of Science in Computer Science**

Saginaw Valley State University, University Center, MI

Honors: summa cum laude (highest distinction)

GPA: 3.82

RELEVANT EXPERIENCE

**Associate Information Technology Analyst**

Dow, Auburn, MI August 2020 - Present

* Developed and maintained webapps in SAPUI5 framework for various business and functions across the company
* Removed thousands of dollars of technical debt by remediating Java servers on SAP Cloud Platform and replacing them with the already existing Microsoft Graph API to query internal user and company data
* Updated build pipeline in VSTS for mobile Cordova android apps
* Consulted, designed and built PowerApps for quick integration with SharePoint and Power Automate
* Managed and annually resigned internal Android and iOS enterprise apps
* Developed process for migrating teams web applications from SAP Cloud Platform Git Repository Service to Microsoft Azure VSTS Repositories
* Developed Git Branching Strategy for team so multiple developers could work on app enhancements simultaneously

**Programming Co-op** August 2017 – May 2020

Dow, Midland, MI

* Developed .Net applications to transfer data from lab machines to Sample Manager Database.
* Developed and deployed scalable Employee workplace survey application to help fix pain points in the workplace.
* Transferred legacy VBA macros for Excel to updated applications in the .NET framework.

**Operations Internship** June 2017 – August 2017

Consumers Energy, Saginaw, MI

* Worked directly with a regional manager to deploy LEAN business solutions across company
* Developed processes to decrease preparation time for line workers during morning commute.

PERSONAL PROJECTS

ACTIVITIES

**Member,** Association for Computing Machinery (ACM) (August 2016 – Present)

* Volunteered to help put on the annual High School Programming Competition

**Member,** Robotics Club (August 2016 - May 2017)

* Utilized Arduino board to create engine and sensors for NASA competition robot

**Member,** International Collegiate Programming Competition (August 2017 – October 2018)

* Competed in nationwide competition solving various problem sets

AWARDS/ACCOMPLISHMENTS

**ACM Person of the Year Award:** For outstanding involvement in ACM activities and volunteer opportunities. (2018)

**Published Paper**

* “An Efficient Localization for Indoor Environments Using Classification Algorithms”
* Compared two different Machine Learning models for the problem of predicting a person’s location indoors - Decision Tree vs. Recurrent Neural Net Long Short-Term Memory
* Primary author of four contributors
* Accepted to present at the 2020 International Conference on Computational Science and Computational Intelligence (CSCI 2020)
* Accepted to present at Alma Mater’s 2021 Virtual Student Showcase
* Copy of video upload of presentation: https://www.youtube.com/watch?v=Stnv9jgYx30&ab\_channel=WyattTowne

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REFERENCES

**Heather McPhee, Solution Manager**

Dow

5300 11 Mile Rd.

Auburn, MI 48611

(989) 992-2288

**Joshua Durham, Software Engineer**

Dow

627 Washington St.

Midland, MI 48640

(989) 245-3625

**Dave Myers, IT Technician**

Dow

627 Washington St.

Midland, MI 48640

(231) 392-3242

**James Slieff, Executive Director Electric Operations**

Consumers Energy

2400 Weiss St.

Saginaw, MI 48602

(989) 450-4361

**Aos Mulahuwaish, Professor of Computer Science**

Saginaw Valley State University

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