

# Mary Musallam

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## Education

### University of Michigan

*Bachelor of Science in Engineering in Computer Science*

**Ann Arbor, MI**

*May 2023*

- Course Highlights: Algorithms and Data Structure, User Interface Development, Programming and Introductory Data Structures, Elementary Programming Concepts

### Schoolcraft College

*Associates in Science*

**Livonia, MI**

*June 2016*

*Associates in Engineering*

*June 2018*

- GPA:3.63

## Relevant Experience

### Maxar Technologies

*Software Development Engineer*

**Ypsilanti, MI**

*April 2023 - July 2024*

- Improved existing codebases and resolved bugs tracked through GitLab issues, ensuring robust software performance
- Developed user-friendly GUIs for complex software applications using Vue.js, HTML, and CSS, enhancing usability and efficiency for end-users
- Delivered timely solutions to meet the critical needs of government customers
- Collaborated with algorithm engineers to develop advanced signal processing solutions for Synthetic Aperture Radar (SAR) systems using Python

### U.S. Bank

*Software Developer Intern*

**Remote**

*June 2022 - Aug 2022*

- Developed multiple web applications using JavaScript, tested and debugged software products, and reported results to supervisors
- Actively participated in daily team meetings, contributing to project progress reports
- Optimized existing code to enhance code quality and efficiency

## Project Experience

### Tech 4 Social Good

*Volunteer Software Developer*

**Ann Arbor, MI**

*Feb 2022 - April 2022*

- Collaborated with a team of developers to create an online learning platform for a nonprofit, called Detroit Community Technology, to distribute wireless networking curriculums to communities in Detroit
- Implemented platform features based on mock-ups and design layouts provided by the non-profit using Vue.js, HTML, and CSS
- Integrated REST API to import course data into the course pages, ensuring up-to-date information for users

## Skills

**Programming Languages:** C, C++, Python, JavaScript

**Web Technologies:** HTML, CSS, JSON, Jinja2, REST API

**Database:** SQL, Query

**Version Control:** Git

**Frameworks/Libraries:** React, Vue.js, Node.js, Flask, Bootstrap