



## Jay Mason

Full-Stack Software Engineer  
w/ Management Experience

## Skills

Microsoft Suite (C#, VS, GitHub)



Web Dev. (HTML, CSS, JavaScript, PHP)



DB Management (MySQL, EF, MSSQL)



Dev. Tools (Debugging, Kanban, Azure)



Angular, TypeScript, React



C++



Java



## Contact

### Phone

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### Email

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### Address

2653 Caterham Dr  
Waterford, MI 48329

### Portfolio

<https://jay-mason.github.io>

### GitHub

<https://github.com/Jay-Mason>

## Relevant Experience

### Willis Towers Watson (WTW)

June 2022 – Current

Lead Associate - Systems Development

- ❖ Deliver unit/coded-UI tested features in a timely fashion that meets requirements
- ❖ Engage directly with stakeholders to refine user stories
- ❖ Participate in all phases of development (architecture, design, implementation, debugging, validating, and verification)
- ❖ Work with team members to define detailed solutions
- ❖ Assist with creating and updating Azure Deployment Pipelines
- ❖ Support other team members to ensure successful completion of tasks

### General Inspection LLC

Mar. 2021 – June 2022

Software Team Manager

- ❖ Implemented software tools such as Git & Code-Reviews
- ❖ Managed a team of up-to 5 software engineers
- ❖ Handled project & timeline management
- ❖ Implemented Asana company-wide for managing projects and tasks, which greatly improved company communication

+ Continued to complete projects as a software engineer

### General Inspection LLC

Nov. 2018 – June 2022

Software Engineer

- ❖ Designed, developed, and maintained communication modules (EtherCAT, Ethernet, Modbus, RS232)
- ❖ Updated the system to support relational databases (MySQL w/ Entity Framework)
- ❖ Designed and implemented new features and services across the GUI application (.NET C#)
- ❖ Developed machine logic to control FESTO integrated motor controllers
- ❖ Created and maintained algorithms for processing data from sensors (vision, lasers, 3D)

## Education

### Arizona State University

2019-Current

Bachelor of Science in Engineering - Engineering Management

### Oakland Community College

2016-2019

Software Engineering Associates in Computer Science

Certifications: Web Development Certificate

Awards: Summa Cum Laude

## Additional Experience

### Oakland HOPE Technology

2019 – Current

- ❖ Designed, Implemented and Support a custom-built Content Management System written in PHP/Bootstrap that manages volunteers (profile registrations, affiliations, volunteer hour tracking, etc.)
- ❖ Created a utility to import previous year google form excel data into the new volunteer portal, reducing manual labor required to export volunteer information and allow for volunteers to track their own data
- ❖ Currently working on designing, developing and implementing an additional layer on-top of the volunteer portal that will allow for Oakland HOPE to track and manage clients within the Food Pantry