Jay Mason

Full-Stack Software Engineer
with Management Experience

Skills

Microsoft Suite (C#, VS, GitHub)

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

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DB Management (MySQL, EF, MSSQL)

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C++

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Dev. Tools (Debugging, JIRA, Kanban)

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Java

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Angular, TypeScript, React

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Contact

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Portfolio
https://jaymason.pro

GitHub
https://github.com/Jay-Mason

Relevant Experience

| Mar. 2021 –Current | **General Inspection LLC** |
| Davisburg, MI | Software Manager |

- Implemented software tools such as Git, Jira, and peer 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 own projects as a software engineer

| Nov. 2018 –Current | **General Inspection LLC** |
| Davisburg, MI | Software Engineer |

- Integrated and developed components in a real-time operating system (C++) to perform machine logic (utilizing communication protocols such as EtherCAT and TCP/IP)
- Updated the projects to support MySQL with Entity Framework to allow for relational data storage
- Designed and implemented new features and services across the main application (.NET C#)

| Mar. 2016 – Nov. 2018 | **Legoland Discovery Center & SEALIFE** |
| Auburn Hills, MI | Cluster Technician |

- Performed daily, weekly, and monthly preventive maintenance
- Reprogrammed the micro-controllers lighting program in MINILAND for a more realistic sunrise and sunset
- Developed an excel macro-book for managing work-orders, originally to be used locally however it is now used across all Legoland Discovery Centers.

Education

Arizona State University   2019-Current
Bachelor of Science in Engineering - Engineering Management
2019 – Current

Oakland Community College   2016-2019
Software Engineering Associates in Computer Science
Certifications: Web Development Certificate
Awards: Summa Cum Laude

Additional Experience

Oakland HOPE Technology

2020 – Current

- Designed and implemented CMS (Content Management System) written in PHP, MySQL, JS, and HTML/CSS
- Volunteers register on the system one-time and build an online profile. This profile tracks position and hours
- Created a tool that allowed previous years data to be exported from excel and put into the MySQL Database
- System allows for tracking data, reporting and other administrative tools to help manage food pantry and thrift store volunteers