

# Matthew Radtke

✉ [mradtke9019@yahoo.com](mailto:mradtke9019@yahoo.com) | 🏠 [mradtke.net](http://mradtke.net) | 🐙 [github.com/mradtke9019](https://github.com/mradtke9019) | 🔗 [linkedin.com/in/mradtkewisc/](https://www.linkedin.com/in/mradtkewisc/)

## Personal Profile

A strong work ethic with a passion for solving problems, I am a high-achieving software developer who seeks to do things with high standards and accountability. My education and experience from web development to computer graphics have shown me that there are no problems that I cannot solve. I am a fast learner who seeks to understand the latest best practices and methodologies, and I am eager to explore new challenges. My ideal day-to-day work is to create elegant software solutions and explore new ways of solving problems.

## Skills

<b>Programming Languages</b>	C#, JavaScript/TypeScript, Python, SQL, Java, C++, C
<b>Web Development</b>	.NET Core/Framework/Standard, Nuget Packages, HTML, CSS, Bootstrap, jQuery, Blazor, MVC, React, Next.js, SQL Server
<b>Technologies &amp; Tools</b>	Git/GitHub, Visual Studio/Code, Sitecore, inRiver PIM, Microsoft Azure, Azure DevOps, Microsoft Dynamics, Microsoft D365
	Entra-ID, SSMS, Powershell, Linux, bash
<b>Methodologies</b>	Agile Development, Extreme Programming, Test-Driven Development, Object-Oriented Programming

## Work Experience

### Miller Electric Mfg LLC.

Appleton, WI

Sitecore Developer

January 2020 – Present

- Developed scalable full-stack features in Sitecore and .NET, collaborating with digital marketing to enhance user experience
- Built and maintained RESTful C# API endpoints to connect ERP systems, SQL databases, and public-facing websites
- Led DevOps initiatives by creating and maintaining build/release pipelines, accelerating release cycles and reducing deployment errors
- Configured flexible and secure Web Application Firewall (WAF) policies in Microsoft Azure, protecting public websites and reducing false positives
- Automated data processing/manipulation and reporting workflows with custom applications tied to internal and external sources, saving the team hours of manual effort
- Wrote comprehensive unit tests using xUnit, NUnit, and Moq to verify business logic, prevent regressions, and support agile development cycles achieving 80% code coverage in 3+ projects
- Designed reusable NuGet packages to standardize business logic and constants, reducing code duplication and maintenance across 5+ projects

### Miller Electric Mfg LLC.

Appleton, WI

Web Developer Intern

May 2018 – January 2020

- Rebuilt outdated internal applications with C# in .NET Core and MVC to be more accessible by users and maintainable by developers
- Built custom full-stack applications from scratch for assisting order validation and shipping in C#
- Navigated production legacy Visual Basic code applications to make regular bug fixes and adjustments

## Education

### Trinity College Dublin

Dublin, Ireland

MSc in Computer Science

September 2022 – August 2023

With Distinction

### University of Wisconsin - Madison

Madison, WI

BS in Computer Science

September 2016 – December 2019

## Projects

### Gesture Recognition and Interaction in Augmented Reality

Unity, C#, Python, SKLearn

Master's thesis focused on hand gesture interaction based on recognition of static hand poses in AR.

Trained and compared machine learning models from selected features for pose recognition.

[Github Repo](#)

### ERP to PIM to CMS Import Processes

C#

Developed and maintained synchronization processes to flow product information from ERP system to the Product Information Management system (PIM), and finally to Sitecore (CMS) to be consumed on public facing websites. Also developed tools and extensions to help manage the PIM environment.

### Pack Validation

C#, JavaScript, MVC

Developed a single-page web application to be used in warehouse operations to assist pickers. Pickers would scan an order, show all items in that order, and be required to scan each item in that order before it was considered validated. Any hazardous materials scanned would message to the picker informing them that they must place certain labels on the order.