

# Tyler Rottmann

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Personal Website: <https://tylerrottman.github.io/PersonalPortfolio>

## EDUCATION

**University of Wisconsin - Milwaukee** - Class of 2026

Milwaukee, WI

Major: BS in Computer Science Minor: Information Technology

GPA: 3.95

## PROFESSIONAL EXPERIENCE

**Software Engineering Intern** - *Web Surfing Studios*

June 2025-Present

- Built ASP.NET MVC C# full-stack application which connects volunteers with non-profit organizations in their area every week.
- Utilized Entity Framework & migrations to manage remote AWS RDS MySQL instances.
- Constructed CI & CD Azure DevOps pipelines which connected Git to AWS Elastic Beanstalk applications through Dev, Test, and Prod environments.
- Moved website image & file storage from local AppData folder to AWS S3 buckets to allow the website to horizontally scale as needed.

**Software Development Intern** - *CharityEZ*

July 2024-May 2025

- Designed, developed, and tested features for a high-performance search engine enabling companies to efficiently locate and evaluate charities and nonprofits.
- Collaborated with the development team to implement front-end and back-end solutions using JavaScript, HTML, CSS, PHP, and MySQL.
- Applied software development best practices, including debugging, code optimization, and database query tuning, to enhance system performance and reliability.

## SKILLS

- Languages: C# / .NET, Java, Python, HTML, CSS, JavaScript
- Frameworks: ASP.NET MVC, Bootstrap, Tailwind
- Version Control Systems: Git
- Databases: Microsoft SQL & MySQL
- Agile Methodology & Azure DevOps
- CI/CD: DevOps Build & Release Pipelines
- Misc: Entity Framework, WordPress, Blender, AutoCAD, Adobe Photoshop
- AWS: RDS, S3, Elastic Beanstalk, AppConfig, Secrets Manager, Lambda

## AWARDS/HONORS

- UW Milwaukee Dean's List
- AP Scholar with Honor Award
- Congressional Award - Bronze Medal