**Maria Ragone**

**Versatile Professional Transitioning into Tech with Full Stack C# .NET Expertise**

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**SUMMARY**

Experienced and versatile professional transitioning into tech with a Full Stack C# .NET Certificate and proficiency in C#, .NET, SQL Server, Git/GitHub, and more with over three years of hands-on software development experience. Skilled in design failure analysis and project management. Proven ability to teach engineering concepts and woodworking using remote methods. Accomplished in efficiently managing editorial teams and content with advanced publishing software. Seeking software development challenges to apply technical expertise and drive innovative solutions in a collaborative environment. Eager to contribute to Amerisure's digital transformation and Agile/DevOps initiatives.

**EDUCATION**

**Full Stack C# .NET Certificate July 2023 – September 2023**

*Grand Circus Coding Bootcamp, Detroit, MI*

**Bachelor of Science in Textile and Apparel Studies and Bachelor of Fine Art September 2003 – December 2007**

*Western Michigan University, Kalamazoo, MI*

**PROJECTS**

[*Library Project*](https://github.com/MariaRagone/Library-Project-Group-3) *[C# FRAMEWORK, DEBUGGING TECHNIQUES, PROBLEM SOLVING, TEAM WORK]*

* Implemented functionality for viewing, checking out, and returning books in a library console app
* Collaborated with a cross-functional team to design and develop a Library Project using C# framework
* Applied advanced debugging techniques to ensure seamless book viewing, checkout, and return functionality

[*Grade Calculator*](https://github.com/MariaRagone/SCC-Final-Grade-Calculator) *[C# FRAMEWORK, MVC, DEBUGGING TECHNIQUES, PROBLEM SOLVING]*

* Developed a C# web app for Schoolcraft College, utilizing MVC architecture.
* Applied advanced debugging techniques and innovative problem-solving to accurately calculate final grades
* Developed a [*Python-based version*](https://replit.com/@mangotsunami/Final-Grade-Calculator) to produce a versatile tool in a console app

[*Classooka Marketplace*](https://www.classooka.com/) *[BUBBLE FRAMEWORK, APIs, WEBHOOKS, ADVANCED PROBLEM SOLVING, UI/UX]*

* Developed a mobile-friendly web-based marketplace connecting students with instructors
* Ensured secure online class bookings by integrating Stripe
* Incorporated Google Calendar APIs for scheduling and implemented advanced search for class discovery.
* Introduced messaging and reviews, and established user types for customized access, all while automating emails with Postmark.

**TECHNICAL SKILLS**

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| --- | --- | --- | --- |
| C#  .NET  Python  SQL Server | Git/GitHub  EF Core  HTML/CSS  OOP | TDD  MVC  JavaScript and Typescript  Angular | Bootstrap  DOM Bubble  APIs |

**PROFESSIONAL EXPERIENCE**

**Adjunct Instructor September 2021 - Present**

*Schoolcraft College, College for Creative Studies, & Sonoran Desert Institute*

* Increased efficiency by developing custom-built grading calculators using [Python](https://replit.com/@mangotsunami/Final-Grade-Calculator) and [C#](https://github.com/MariaRagone/SCC-Final-Grade-Calculator)
* Successfully teach multiple classes across three renowned institutions
* Instruct students on Blueprint Reading specifically tailored to mechanical engineering drawings
* Design technical assessments to evaluate students' comprehension and learning progress
* Educate students on the safe and appropriate utilization of various woodshop equipment, such as saws, vacuum form machines, laser cutters, and lathes
* Demonstrate hands on work via remote methods using Canvas and facilitate discussion and group learning
* Taught 300+ students at a high level of academic engagement and achievement

**Publisher May 2019 – December 2021**

*West Bloomfield City Lifestyle Magazine*

* Leveraged advanced publishing software to efficiently organize, track, and manage editorial teams, leads, and magazine content.
* Orchestrated and supervised a high-performing team, overseeing the seamless delivery of engaging and high-quality content to meet strict publication deadlines and resource constraints.
* Employed data-driven insights and project management methodologies to optimize content production processes, enhancing overall productivity and maintaining the magazine's exceptional standards.

**Trim Engineer April 2016 – April 2019**

*Lear Corporation, Southfield, MI*

* Achieved significant improvements in data analysis and risk assessment by utilizing software development skills in Visual Basic and FMEA-Pro for DFMEA tree programming.
* Proficiently managed trim cover design aspects, guaranteeing robustness, accuracy, appearance, and safety, leveraging Product Lifecycle Management (PLM) software.
* Offered constructive guidance to trim designers through meticulous reviews and inspections, ensuring strict adherence to design specifications and upholding high-quality standards.

**Project Manager October 2012 – April 2016**

*Handy Button Machine Company, Wheeling, IL*

* Managed 150+ projects simultaneously, orchestrating cross-functional teams to achieve objectives within budget and timeline, ensuring customer satisfaction through regular status meetings.
* Utilized software development proficiency to program Apprise software's backend and train teams, achieving seamless workflow integration and significantly boosting productivity within the new project lifecycle.
* Led end-to-end projects, coordinating cross-functional teams to achieve objectives within budget and timeline, ensuring customer satisfaction through regular status meetings.