

# Matthew Mercado

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Frederick MD, 21701

## SKILLS

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*Programming/Scripting Languages:* Java, JavaScript/Typescript, Python, C++, Ruby, PHP, MATLAB, SQL  
*Frameworks/Tools:* React, Webflow, Git, MongoDB, Linux, Amazon S3, Next.js, Tailwind, MUI, Figma, Vercel, Heroku  
*Other:* UX/UI Design, HTML/CSS, SEO

## EXPERIENCE

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### Escape This Frederick – Frederick, MD

07/2017 – Present

*Manager/Web Developer*

- Redesigned [escapethisfrederick.com](https://escapethisfrederick.com), one of Maryland's most popular escape room websites, resulted in a reduced bounce rate from 53% to 13% and an increased conversion rate from 2.5% to 4.5%.
- Implemented Arduino programming for electronic puzzles, enhancing the game experience, increasing customer satisfaction, and reducing manual reset times.
- Managed hardware and software maintenance, ensuring smooth operation and minimizing downtime.
- Implemented remote access control, improving efficiency in resolving software issues.

### Box – Remote

05/2022 – 08/2022

*Software Engineer Intern – Preview Team*

- Developed React-based components for analytics menus, improving the user experience.
- Led a project to implement dynamic meta tags for social media links, improving social media presence and driving traffic to the website.
- Developed automated tests to support BDD, improving software quality and reducing manual testing.

### Mount St. Mary's University – Emmitsburg, MD

01/2022 – 12/2022

*Peer Mentor: Computer Science I & II*

- Mentored CS students in Java and Python, improving their performance in complex problems and projects.
- Taught debugging and troubleshooting techniques, enhancing students' problem-solving skills.

## PROJECTS

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### Escape Director

05/2023 – Present

*Founder & Software Engineer*

- Engineered a SaaS-based escape room management system from ground zero tailored to the needs of escape room operators, responding to an industry need for an intuitive, modern tool.
- Developed features that reduce training time, reduce costs, and capture valuable statistics to help escape room owners make informed decisions.
- Visit the project at [escapedirector.com](https://escapedirector.com)

### Portfolio Website

05/2023 – Present

- Created a clean, responsive, and performant portfolio website using Next.js, Typescript, and Tailwind to showcase my projects, resume, and background at [matthewmercado.dev](https://matthewmercado.dev)

## EDUCATION

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### Mount St. Mary's University – Emmitsburg, MD

05/2023

*B.S. Computer Science*

- Cyber Defense Club, Code Hubs, ACM Club, Varsity eSports Team (Overwatch/Valorant)
- Awards & Honors: Received: "The Mariam Award of Excellence in Computer Science", Member of Upsilon Pi Epsilon Honor Society, President's List Fall 2021 – Fall 2022
- 3.94/4.0 with highest honors

### Frederick Community College – Frederick, MD

05/2019

*A.S. STEM Engineering*