

# Ross McIlvaine

## Full Stack Software Engineer

185 Christian Avenue · Stony Brook, NY 11790

[rossmcilvaine@gmail.com](mailto:rossmcilvaine@gmail.com) | (631) 682-4925 | [LinkedIn](#) | [GitHub](#) | [Personal Website](#)

Highly adaptable, motivated, and organized software developer currently pursuing a Master's in Computer Science. My experience includes a 4-year degree in Computer Engineering and 3+ years of professional experience in full-stack development. My time at Epic has demonstrated my ability to quickly learn and apply industry-standard development practices. I'm seeking a role where I can continue to learn and improve my skills while making a meaningful impact on my team and the world around me.

## Education

### University of Illinois Urbana-Champaign

Master of Computer Science

Chicago, IL

Planned Graduation Date: May 2027

### University of Notre Dame

Bachelor of Science in Computer Engineering

Notre Dame, IN

GPA: 3.8, Dean's List (4)

Graduation Date: May 2022

## Experience

### Tattle Inc | AI Development

Rochester, NY (Remote)

*AI Development Intern*

January 2025 – July 2025

- Collaborated with the AI Development team to design and create classification and matching APIs for customer data
- Managed prompt engineering efforts during development to minimize token use and maximize the precision of the model
- Built unit test functions in C# to quickly compare the performance of multiple models against many datasets

### Carson Optical | Website Operations

Oyster Bay, NY (Remote)

*React Developer*

January 2025 – July 2025

- Acted as lead developer for a new product comparison tool using React and C#
- Coordinated multiple initiatives to overhaul visuals and improve performance metrics across the site
- Ensured internationalization of all new site development using i18nexus

### Epic Systems | Data Warehouse and Analysis Application Team

Verona, WI

*Full-Stack Developer*

August 2022 – August 2024

- Spearheaded new functionality to create foreign key joins between external datasets and Epic's data model
- Lead UI and API Developer for a data integration application serving over 5,000 users
- Conducted SQL performance and code review for development projects across the company
- Designed and developed features for database management tools used by hundreds of organizations worldwide while ensuring optimal performance and user experience

## Projects

### Personal Portfolio Website

Spring 2024

- Built web app from scratch using Svelte framework along with TypeScript and Tailwind CSS
- Developed components to be reactive, modular, and visually appealing
- Deployed to the web using Cloudflare Pages

## Skills

Languages/Frameworks: C/C++, C#/.NET, SQL, Python, HTML, CSS, TypeScript/JavaScript, React, Java, Svelte  
Computer: Git Version Control, Linux, Amazon Web Services, Microsoft Office