Ross McIlvaine
Junior Software Engineer

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Highly adaptable, motivated, and organized software developer with 4-year degree in Computer Engineering and 4+ years of work and project experience in full stack and data science development. My time at Epic has demonstrated an ability to quickly learn new frameworks and solve real-world problems in an expansive codebase. Seeking a role where I can continue to learn and improve my skills while making a meaningful impact both for my team and the world around me.

Education

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

Epic Systems | Data Warehouse and Analysis Application Team   Verona, WI

Full-Stack Developer   August 2022 – Present
- Project Lead for new functionality to create bridges between external datasets and Epic's data analytics platforms
- Lead Developer and Code Reviewer for multiple application enhancement projects
- Conduct SQL performance review for new development across the company
- Collaborate with customers to translate user need into actionable design decisions

Tattle | Marketing Site Development   Rochester, NY (Remote)

Engineering Intern   June 2021 – August 2021
- Launched marketing website redesign for desktop and mobile using HTML, CSS, and Javascript inside a Svelte application
- Created and managed backend for form submission using AWS DynamoDB, Lambda, and API Gateway
- Communicated closely with UI/UX designer and other engineers to build site to design specifications
- Worked alongside engineering team in Scrumban development environment
- Directed multiples website advancement showcases to wider organization

Campus Wayzz Application | Databases Final Project   Notre Dame, IN

Developer   Spring 2021
- Worked on team to build a campus discovery application using MongoDB, React, Node.js, and Google APIs
- Designed systems to prioritize user engagement and interaction
- Built user interfaces from scratch using JavaScript and the JavaScript React library
- Utilized MongoDB for backend storage of user and location data

Skills

Personal: Creative and Adaptive Problem Solving, Leadership, Organization, Communication
Programming: C/C++, C#, Python, HTML, CSS, JavaScript, SQL, Git/SVN Version Control
Computer: Amazon Web Services, Microsoft Office Applications, Basic Photoshop

Hobbies

Notre Dame Boxing Club, Gaelic Athletic Association, Reading, Running, Golf, Certified Scuba Diver