

Ryan Ngo

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Education

The University of Texas at Dallas
Bachelor of Science in Computer Information Systems

August 2022 - May 2025

Technical Skills

Languages and Frameworks: C#, Java, JavaScript, HTML, CSS, SQL, ASP.NET MVC, Blazor, React.js, Node.js, Express

Technologies: Entity Framework, SQL Server, Git, Azure, DevExpress, Bootstrap, xUnit, JSON, AWS, Postman

Engineering Practices: Agile Methodologies, Version Control, Unit Testing, CI/CD, Design Patterns, API Testing

Experience

Software Engineer Intern

Daisy Brand

Dallas, TX

May 2024 – Aug 2024

- Built a record management feature using ASP.NET MVC and Entity Framework to let users select, modify, and store data in SQL Server, improving data handling efficiency by 30% with real-time DevExpress grid updates.
- Reduced IT email spam and improved productivity by fixing error log issues in a notification clean-up service.
- Contributed to the IT team in an Agile environment and used Azure DevOps Server to track 20+ work items, ensuring timely delivery of features and updates across multiple sprints.

Projects

To-Do List Full Stack Application

- Created a full-stack web app with ASP.NET MVC that lets users create, update, and manage daily tasks.
- Implemented a backend using Blazor Server and Entity Framework for CRUD operations and SQL Server data storage.
- Deployed and published the application on Microsoft Azure Cloud Server.

Food Order Front-End Application

- Developed an interactive front-end application that enables users to add food items to a shopping cart and view real-time cost calculations.
- Utilized React.js for a modular, component-based structure, ensuring scalability, smooth state management, and an intuitive user experience.

AI/ML Systems Design Project

- Designed a conceptual AI/ML-based system aimed at improving workflow efficiency and customer experience for HelloGard LLC.
- Led a team of 5, met with the client regularly to define goals, and prioritized features to deliver a scalable solution.