

# Ryan Ngo

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## Education

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

August 2022 - May 2025

## Technologies and Skills

**Languages:** C#, Java, JavaScript, CSS, HTML, TypeScript, SQL

**Technologies:** ASP.NET MVC, Spring, Blazor, Entity Framework, MySQL, Git, React.js, DevExpress, Microsoft Azure, MongoDB, Maven, Bootstrap, JSON, Node.js, Express, xUnit, Docker

**Skills:** SDLC, Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, RESTful API, API, Unit Testing, CI/CD, UX/UI, Systems Design

## Experience

### Software Engineer Intern

Daisy Brand

Dallas, TX

May 2024 – Aug 2024

- Built a feature to a **full-stack web app** using **ASP.NET MVC** and **Entity Framework**, enabling users to select, modify, and store records in an **SQL Server** database. Maintained real-time updates in a **DevExpress** grid, improving data management efficiency by **30%**
- Optimized a **notification clean-up service** by addressing error log issues, to **reduce** IT department email spam and **improving productivity**
- Collaborated with the IT team, utilizing **Azure DevOps Server** for **Agile development**, tracking progress, and delivering timely updates on work items

## Projects

### To-Do List Full Stack Application

[GitHub](#) [🔗](#)

- Created a **full-stack**, responsive, and user-friendly web application using **ASP.NET MVC**, enabling users to **create, update, and manage** daily tasks efficiently
- Implemented a back-end with **Blazor Server** and **Entity Framework** for **CRUD** operations and ensured data persistence in an **SQL Server** database
- Designed and implemented a **responsive and intuitive user interface** using **Bootstrap**, ensuring seamless usability across devices and enhancing the overall user experience
- Deployed and published the application on **Microsoft Azure Cloud Server**
- **Tools Used:** **ASP.NET MVC, Entity Framework, SQL Server, Git, and Azure DevOps**

### Food Order Front-End Application

[GitHub](#) [🔗](#)

- 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
- **Tools Used:** **JavaScript, HTML, CSS, and React.js**

### AI/ML Systems Design Project

Jan 2025 - May 2025

- Collaborated with **HelloGard LLC** to design and develop an **AI/ML-based** system to **optimize workflow efficiency** and **improve customer experience**
- Led a team of **5** in delivering a **scalable solution**, working closely with the client to **define requirements, prioritize features, and ensure alignment with business objectives**