

ADRIAN HERNANDEZ

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EDUCATION

Elmhurst University, Elmhurst, IL
Bachelor of Science, Information Systems
Emphasis/Focus: Computer Science and Mathematics

Graduated: May 2023

Triton College, River Grove, IL
Associate of Science, Computer Information Systems

SKILLS AND PROJECTS

- **Computer Skills:** C#, .NET, ASP.NET Core, React, Typescript, SQL, Microsoft SQL Server, Entity Framework, Relational Databases, Git, Github, Minimal APIs, Model-View-Controller (MVC), Identity, Razor Pages
- **Collection Tracker (ASP.NET Core + React):** Designed a full stack web application that utilizes ASP.NET Core and Entity Framework, enabling users to manage their VST plugins. Implemented user authentication and authorization using Identity framework. Utilized CRUD operations and repository pattern for database interactions. Integrated React with TypeScript for the frontend, incorporating Tailwind CSS for styling.
- **Org Locator (ASP.NET Core + Razor Pages):** Developed a web application using ASP.NET Core, Entity Framework, Identity, Razor Pages, and Microsoft SQL Server. Implemented modern web development practices and utilized the full-stack capabilities of these technologies to create a robust and efficient system. Leveraged ASP.NET Core for server-side logic, Entity Framework for seamless data access and management, Identity for secure user authentication, and Razor Pages for building dynamic and interactive user interfaces.

RELEVANT COURSEWORK

Database Management Systems

- Defined data requirements and modeled those requirements using entity relationship diagrams while implementing data quality and data security principles
- Created databases using Microsoft SQL Server, and programmed complex SQL queries

Web Based Applications

- Developed dynamic web applications using server-side and client-side programming with ASP.NET. Integrated validation and forms authentication for security. Designed web services that integrated session state configuration and application data caching

LEADERSHIP AND HONORS

- **Fellow, America Needs You (2019 – 2021):** Selected as 1 of 75 first-generation college students in Illinois to serve in a 2-year career development and leadership training program
- **Subject of Documentary, McGraw-Hill:** Elected by the Dean of Arts and Sciences and the coordinator of the iLaunch program at Triton College to share and film my story of how I overcame challenges with college-level mathematics as a first-generation student
- **Vice President of Triton Computer Society:** Led 20+ members in finding resources, tech events, and networking opportunities as well as providing support and mentorship to incoming freshmen regarding the CIS program at Triton College