

Daniel Mendez

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Technical Skills

Languages

C#, Java, JavaScript, Python, SQL, HTML+CSS, Sass, \LaTeX

Frameworks

ASP.NET Web API, ASP.NET MVC, Entity Framework Core, React.js/Next, Node.js/Express

Tools

Microsoft Azure, Microsoft Power Automate, PostgreSQL, MySQL, Docker, Docker-Compose, DigitalOcean, Heroku, Zabbix, git

Education

Dallas Baptist University

August 2016 - May 2020

Bachelor of Science - Computer Science

Cumulative GPA - 3.62
Dean's List - 4 semesters

Work Experience

Dallas Baptist University

March 2017 - Present
Information Technology
Dallas, TX

Networks/Systems Administrator

- Increased web security by ensuring password-less Web App migration to Azure using Managed Service Identity and Key Vault.
- Developed robust automated workflows using Microsoft Power Automate for faculty and staff across multiple departments.
- Troubleshoot network infrastructure to establish fast, stable and secure networks for 4,000+ clients across three campuses.
- Lead development of network automation tools using Python, and Azure Function.

Four Story Creative

January 2020 - March 2020
Waxahachie, TX

Development Intern

- Improved user experience to virtual reality simulations by refining swift locomotion and hand interaction.
- Expanded software accessibility by porting virtual reality simulation to WebGL.

Projects

Aizome (WIP)

October 2020 - Present
[GitHub Repository](#)

Keeps track of denim collection by recording timeline of events. Developed with ASP.NET Core Web API, Entity Framework Core, Azure Storage for image uploads/retrieval and React.js/Next.js.

Budgeting Application

February 2020 - Present

Tracks manual/bank transactions, lists connected accounts, and displays account balance. Adopts a Microservice architecture developed with Spring Boot, Docker Compose, MySQL, and React.js.

- In charge of front-end architecture, routing, authentication and UI/UX in React.js.

Advising Scheduler

September 2019 - December 2019
[GitHub Repository](#)

Adds student degree plans, documents completed courses, and creates recurring calendar schedules with reminders based on class selections. Developed in C# using ASP.NET MVC 5 and Entity Framework.

- Scraped degree catalog from University website to allow users to select their degree and document completed courses to provide custom course listing results.