

# Daniel Mendez

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## Technical Skills

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### Languages

C#, Java, JavaScript, Python, SQL, HTML+CSS, Sass,  $\text{\LaTeX}$

### 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

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### Dallas Baptist University

August 2016 - May 2020

### Bachelor of Science - Computer Science

Cumulative GPA - 3.62  
Dean's List - 4 semesters

## Work Experience

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### 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

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### 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.

### UTD REU

June 2019 - August 2019

Led 10-week team research on the Software Safety and Reliability of Ethereum Smart Contracts.

- Discovered 44% of tested smart contracts contained vulnerabilities (low to high risk).