

# Johan Olvera

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## Education

**St. Edward's University**, Austin, TX

*Bachelor of Arts in Computer Science*

**Expected December 2024**

## Experience

**Veradigm - Software Engineer Intern**

**Austin, TX - Remote**

May 2024 – August 2024

- Contributed to multiple repositories using WSDLs and SOAP for service communication within different implementations
- Collaborated closely with cross-functional teams and completed three user stories on current feature
- Analyzed company's Service Oriented Architecture to learn established practices during development
- Implemented testing methods including Unit Tests, Moq, Jenkins, Postman, and site testing

**NI - Software Engineer Intern**

**Austin, TX - Hybrid**

May 2023 – August 2023

- Orchestrated the designs and implementations of two major features for a desktop application
- Demonstrated the prototype to three teams, including a product manager, for development feedback and discussions on moving forward for product packaging
- Organized the project's code base and followed Agile methodologies throughout development
- Developed a further understanding of project scope and the project development lifecycle for a software product
- Gathered product requirements to for the planned project within the first week of my internship

## Skills

- **Languages/Formats:** C#, Go ,TypeScript, JavaScript, Java, Python, HTML, CSS, SQL
- **Technologies:** ASP.NET Core, XUnit, MSTest, .NET, React, Vite, Docker  
Microsoft Azure, MongoDB, MongoDB Atlas, MySQL, Tailwind, Firebase
- **Tools:** Git, GitHub, Visual Studio, Visual Studio Code, JetBrains Rider, ReSharper, Postman, Jenkins, OpenAPI, SQL Server Management Studio, Azure Devops
- **Software Development:** Object Oriented Programming, Algorithms and Data Structures, Version Control, REST APIs, SOAP, Inversion of Control, Agile methodology, Test-driven Development, CI/CD, Data Modeling
- **University Courses:** Algorithms and Data Structures, Intro to Artificial Intelligence, Database theory, Advanced Algorithms

## Programming Projects

**Blog Center Application**– September 2024 - Current

- **Description** – A SaaS planning to give users a centralized place to draft blogs, publish them, and manage them across many blogging websites via APIs. This project is still under development, but progress is quickly being made.
- **Technology Stack** – Go, Gin, MySQL DB, Docker, Digital Ocean Droplet, Dokploy
- **Outcomes** – So far, I've learned how to use Docker, creating Dockerfiles, and orchestrating deployment using a Docker Compose file as well. A minimal application is already deployed using this docker compose file on my droplet using Dokploy as a self-hosted PaaS and development is still ongoing.