Johan Olvera

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EDUCATION

St. Edward's University, Austin, TX   **Expected December 2024**
Bachelor of Arts
Major: Computer Science

Skills/Certifications

- **Languages/Formats:** C#, Python, Rust, JSX, JavaScript, JSON, HTML, CSS, SQL
- **Technologies:** ASP.NET Core, Tailwind, React, Vite, Microsoft Azure, Blazor, MongoDB, WPF, Node.js, SvelteKit, Firebase
- **Tools:** Git, Azure DevOps, Postman, Swagger UI
- **Software Development:** OOP, Version Control, REST APIs, Web Development, Agile methodology, Kanban, Test-driven Development, CI/CD
- **LinkedIn Learning:** Using MongoDB with C#, .NET MAUI for Beginners, UX Design: 1 Overview, Introduction to Blazor, What is Scrum?

RELEVANT EXPERIENCE

Software Engineer Intern, National Instruments   **Austin, Texas**
SEBU: Systems R&D Intern   May 2023 – August 2023
- Researched, designed, and implemented features for a **desktop** software product
- Presented software demos to different teams and product manager for **development feedback**
- Organized the project's code base to follow **MVVM** structure
- Developed a further understanding of **project scope** and the **project development lifecycle**

Software Engineering I   **Austin, Texas**
St. Edward's University Course   January 2023 – May 2023
Project: Developing software to simulate Autonomous vehicles carrying out Healthcare related services
- Planned sprint objectives through commits in a scrum framework to organize **project scope**
- Created Project artifacts to model best practices and project understanding
- Researched **Web Services** to call APIs and use returned **JSONs** for our web application
- Gained proficiency using Mapbox to use within our web application showing routes

ADDITIONAL EXPERIENCE

College Assistance Migrant Program (CAMP), St. Edward's University   **Austin, Texas**
Program Facilitator   July 2022/2023 – August 2022/2023
- Assisted in **coordinating** group activities to increase the involvement of incoming scholars
- Took part in **team building** experiences to help unify facilitator team
- Collaborated in coordinating a retreat for the incoming scholars to begin their first year
- Helped create a welcoming experience for incoming scholars within CAMP

PROJECTS

Goat Places – Senior Project   August 2023 – March 2024
- Utilized **Azure App Services** as a platform to deploy our web app online
- Created **REST APIs** with **ASP.NET Core** for our front end to call
- Tested our APIs using Swagger UI and **Postman** to ensure proper data is being sent
- Researched **MongoDB** drivers for data modeling within backend
- Established **CRUD** services to use within our **APIs** for frontend usage

AplCore – Personal Project   March 2024 – Present
- Created a Backend server using **Rust** along with **RESTful APIs**
- Utilized ChakraUI with **React** to set up a quick interface and to use JSONs from APIs
- Tested APIs using **Postman** to find out any bugs within the **Backend**
- Designed data models to send and store data within a **MongoDB** cloud database