Johan Olvera

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Education

St. Edward's University, Austin, TX   **Expected December 2024**

Bachelor of Arts in Computer Science

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, 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

Job Tracker Application - August 2024 – Current

- **Description** – Developing an application to track jobs and generate insights using Go for backend development with five planned features. Involved in several software development processes like data modeling, API design, system architecture, feature planning, and security.
- **Technologies** – Go, Gin, MongoDB Atlas, Firebase Auth

Goat Places - August 2023 – March 2024

- **Description** – Developed a web application to enable university students to post and discover events. This senior project involved collaboration with two teammates; My focus was on backend development and frontend feature integration
- **Technologies –** C#, ASP.NET Core, MongoDB Atlas, Azure App Services, React