

# ALEJANDRO OJEDA-CELIS

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<https://github.com/Digiyumon>

## EDUCATION

### University of Texas at Arlington

*Bachelor of Science in Computer Science*, GPA: 3.28/4.0

Arlington, TX

August, 2024

**Awards:** Maverick Undergraduate Scholarship

Relevant Coursework: Algorithms & Data Structures, Database Systems and File Structures, Artificial Intelligence

## PROJECTS AND INDUSTRY INVOLVEMENT

### VR Nursing (C# | Unity)

- Optimized aspects of the previous team's existing code which lead to 6% decrease in load time.
- Implemented a debugging solution within the virtual reality experience to accelerate issue resolution by 23%.
- Restructured the file system constructed by the previous teams to increase productivity and reduce the project file size by 10%.

### Blog Website (React/Tailwind CSS/Firebase)

- Resolved Git merge conflicts, ensuring that less than 20% of my team's development time was spent on merge issues.
- Orchestrated scheduling for cross-continental team collaboration, harmonizing meetings to accommodate diverse time zones.
- Implemented a versatile CRUD admin page, granting authorized users the ability to seamlessly edit website content.

### ArlingtonSprouts Database (SQL)

- Created SQL statements to increase query efficiency, reducing report generation time by 12%
- Optimized indexing strategies, improving database performance and cutting query execution time by 18%.
- Refactored complex SQL joins, leading to a 9% reduction in data retrieval latency.

## LEADERSHIP AND PROFESSIONAL DEVELOPMENT

### SHPE UTA

*National Member*

Arlington, TX

Sep 2023- Present

- Assisted in the creation of SHPE activities to increase member participation by 20%.
- Organized schedules for SHPE officers to plan according to many member's school conflicts.

### Management Leadership for Tomorrow (MLT)

*Career Preparation Fellow*

Arlington, TX

Jan 2022–Sep 2023

- Crafted a presentation to recruit and increase the number of UTA students within MLT by 35%.
- Engaged in workshops held by MLT to prepare for job interviews which were hosted by industry leaders such as Deloitte, LinkedIn and Target.

## WORK EXPERIENCE

### Server

*(P.F. Chang's)*

Arlington, TX

August 2022 – Present

- Engaged in recommending and upselling menu items, including appetizers, desserts, and specialty drinks, resulting in a 15% increase in average check size.
- Delivered a high standard of customer service to over 100 guests daily.

## SKILLS

**Programming Languages:** Proficient – Java, C#, Flutter, HTML/CSS, JavaScript/Typescript, Python

Familiar - C, C++, GDScript, SQL/SQLite, Git, React/Preact, Firebase, Figma

**Soft Skills:** Spanish(Fluent), Fast-Learner, Customer Service, Adaptability, Problem-Solving, Leadership

## INTERESTS

Rock-Climbing, Weightlifting, Game-Development, PC-Building, Fighting Games, Traveling, MTG