

Paola Mabel Gallegos Tamez

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Education

Texas A&M University, College Station, TX

Expected Graduation: **May 2024**

Posse Foundation Full-Tuition Leadership Scholar

GPA: 3.31/4.00

Bachelor of Science, **Computer Science**

Work Experience

Texas Instruments, *IT Solutions Application Developer Intern*

May 2023 – Aug 2023

- Designed and implemented a form in the IT Service Management (ITSM) tool to efficiently gather root cause data for tickets submitted
- Developed front-end and back-end components to create team-specific root cause and resolution action categories to be managed via a self-service web application using MVC framework, C#, .NET, JavaScript and the ITSM API
- Organized, prepared materials, and led meetings to implement the ITSM Root Cause functionality leveraging the Software Development Lifecycle

Hewlett-Packard Enterprise, *Software Engineering Intern*

May 2022 – May 2023

- Examined the advantages and disadvantages of upgrading versions of Vue, Vuetify, and the benefits of implementing AG Grid
- Upgraded web app with Vue and Vuetify, and redesigned grid components using AG Grid

Extracurriculars

Society of Hispanic Professional Engineers, *Director of Technical Affairs '22-'23*

Aug 2020 – Present

- Lead committee meetings with 30+ members, introducing and conducting personal projects, directing technical workshops and maintaining MemberSHPE portal, SHPE website, and member point automation system
- Designed our second Microsoft-sponsored SHPE-a-thon competition, connecting 40+ members to supplement everyday life for those with disabilities
- Member of the Technical Affairs committee, brainstormed to help enhance user interface highlighting the organization's website, collaborated with other Technical Affairs committee project leads to optimize web development user guides, and developed my personal website

Aggie Woman in Computer Science (AWICS)

Aug 2020 – Present

- Attend Resume Workshops, information sessions and coffee chats
- Worked on professional development and networking with industry professionals, gaining inside experiences

Projects

AI4ALL College Pathways

July 2021 – Aug 2021

- Learned about different type of Artificial Intelligence and Machine Learning, including how AI affects the world around us, types of bias, and gradient descent
- Led team members in a research project: "How has COVID-19 positively affected the U.S environment?" and implemented Linear Regression algorithm, using Python, Pandas Python library and Seaborn Python Library

Howdy Hack

Aug 2020, 2021

- Developed an application to help students find tutors in the College Station area using JSON, HTML, and CSS
- Created an application to teach how to play an instrument while playing a mini game using Python and Pygame Library

Movie Search Application

June 2021

- Developed an application using the OMDb API to search up movie titles and show user the top 10 results, coded in HTML, JSON and CSS
- Studied implementation of OMDb with HTML, JSON, and CSS

Awards/Honors

Hispanic Scholarship Fund Scholar

July 2019, 2021

- Recognized for being a strong role model in the Hispanic community while demonstrating qualities of a well-rounded student

Posse Foundation Scholar

Dec 2019

- Identified as a positive, motivated, talented young leader in my high school and community willing to work with a team

Skills

Computer: Intermediate in Python, Java, HTML, JSON, CSS, Bootstrap, C++, Novice in C#, JavaScript, OMDb API, Vue, Vuetify, AG Grid, .NET, MVC

Language: Fluent in English and Spanish, Conversant in Turkish