

Antonieta Rodríguez Dolores

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EDUCATION

Tecnológico de Monterrey (ITESM)

BSc. Computer Science

Puebla, Mexico

Aug 2022 - Jul 2026

- GPA 94/100, academic distinction and recipient of a 100% scholarship “Líderes del Mañana”.

EXPERIENCE

Beautiful Patterns (community service at STEM education organization, ITESM)

Summer 2023 & 2024

Python and html Instructor

- Conduct 2 in person camps on **Python** and basic **HTML** for over 40 middle and high school girls.
- Develop and implement lesson plans and collaborate with other instructors in the lessons planning.

Punto Amarillo (community service at promote positive action organization, ITESM)

Jan 2024

Part of technical team

- Create a website for “Punto Amarillo” to improve online presence.
- User of **WIX**.
- Create user manuals and documentation to do changes in the platform.

PROJECTS

Mobile app: OcoyucApp (academic project)

Aug - Dec 2024

- Development of a mobile application to promote interest in the Ocoyucan area flora and suggest exploration routes.
- Requirements gathering and mockups creation.
- Implementation of main functionalities using **Kotlin** for Android and **Xcode** for iOS.

Website: Topos F.C. (academic project)

Feb - Jun 2024

- Create a website for “Topos F.C.” soccer team to improve the team’s exposure and events management.
- Create requirements documents, mockups, **database**, **react**, **html**, **css**, **javascript**.
- Project and team management using **Jira**.

Network monitoring (academic project)

Aug - Dec 2023

- Implement a network monitoring system using IoT devices.
- IoT, programming, python, arduino, raspberry.

ACHIEVEMENTS AND CONTESTS

- 5th place in Hack Puebla, organized by TecBytes at Tec Campus Puebla.
- Participant in Hack Puebla, organized by TecBytes at Tec campus Puebla.
- Participant in Global Game Jam organized by Tec de Monterrey and Hammerbyte Games.
- 2nd place TMR, online, Rescue line junior category
- 1st place in Mexican robotics tournament (TMR), online, Rescue line junior category.

Jun 2024

Jun 2023

Feb 2023

May 2022

May 2021

EXTRACURRICULAR ACTIVITIES

- Director Finance at student group Women for the Future
- ILO mentor 4th gen at EGS Global Leadership Program, Tec de Monterrey
- Alumni Oracle Next Education 7 generation
- Relationship coach Latin American Leadership Academy
- Volunteer Mentor at “Talentum Mujeres Civitas”
- Dandelion 3rd gen at EGS Global Leadership Program, Tec de Monterrey
- Participant in the program “Mujer Digital”

Aug 2024 - Present

Aug 2024 - Present

Jun 2024 - Present

Dec 2023 & Jan 2025

Jun - Nov 2024

Aug 2023 - Jul 2024

Jun 2023 - Jun 2024

CERTIFICATIONS

- Cisco Certified Support Technician (CCST), Cybersecurity Certification, 2023.

TECH STACK

- Version control with git, github and bitbucket
- Team and project management with Jira, Trello and Notion
- Web development with html, css, javaScript, bootstrap, typescript, react, flask
- Programming languages: python, c++, java, go, golang, elixir
- Mobile development with kotlin and Xcode
- Database, MySQL, PostgreSQL, SQLite, php
- Others: Figma, Canva, Miro, Microsoft office package
- Arduino, Raspberry Pi, lego mindstorms

Languages: English B1, Native language Spanish