

ANDREA GZZ BURNES

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EDUCATION

Instituto Tecnológico de Estudios Superiores Monterrey
Bachelor's Degree in Computer Technologies Engineering
Relevant Courses:

August 2022 - June 2026
GPA 99.25/100

- Object-Oriented Programming
- Introduction to cybersecurity and risk management

SKILLS

- **Programming Languages:** Python, JavaScript, HTML, CSS, C#, C++, R, Matlab, Julia, RStudio
- **Databases:** MySQL
- **Tools:** GitHub, Unity, Excel, Cisco Packet Tracer, Figma, Adobe Photoshop
- **Languages:** Cambridge Certificate English level B2, Native spanish

NOTABLE PROJECTS

Interconnection of Devices

May 2024

- **Development, a company that was the result of the merger of two micro-businesses.** The main objective was to propose a design and perform an analysis of the complete network infrastructure of both microenterprises, thus connecting them through a WAN link.
- **The tools used were Cisco Packet Tracer** to simulate the WAN link connection between the two microenterprises.

Software Construction and Decision Making

May 2024 - June 2024

- **UML diagrams,** I was in charge of generating the diagrams of the project focused on Unity
- **HTML frontend,** I made a frontend screen in HTML language, which consisted of filtering information required by the user.

Multi-Agent Warehouse Simulation

August 2024 – September 2024

- **I developed,** in collaboration with a team, **a simulation of autonomous robots using Unity** in which the objective was to use autonomous robots to carry packages.
- **C# codes were created** to simulate autonomous robots when picking up and dropping off objects. Like other functions important to the effectiveness of the warehouse

ACTIVITIES

Representative Flag Football

January 2024 - Present

- I belong to the Tecnológico de Monterrey flag football team.

Catechism CXordinator at Corpus Chirsti Parish

August 2024 - Present

- Coordinator and teacher of catechism group, where I guide the teachers to teach catechism to more than 80 childrens.