# JOSE IGNACIO
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## PROFILE

As a 5th-semester Software Engineering student with a strong academic foundation, I possess proficiency in languages like c++, Node.Js and python, demonstrated in different collaborative and individual projects. Also I have strong knowledge of Git and data structures, bringing a solid and effective contribution in a team. Eager to apply my knowledge to real-world challenges, I am seeking internship opportunities to further enhance my skills and contribute to innovative software solutions.

## KNOWLEDGE

Node.js, Adobe Photoshop, Data Analysis, Data Structures & Algorithms, Google Cloud Platform, Git, C/C++, R, MySQL, Postman, SQL, Python, MATLAB, Excel/Numbers/Sheets, Express.js, HTML/CSS, RPA, UIPath

## SKILLS

Leadership, creativity, resilience, adaptability, teamwork, collaboration, communication, responsability, responsability, critical thinking , problem solving, time management

## EXPERIENCE

**Monterrey Institute of Technology and Higher Education** -
*Digital platform advisor*
**Monterrey, Mexico**
*Sep 2023 - Present*
• In this internship I get to work with a department of my university, Tecnologico de Monterrey, by basically organizing and collecting data from Linkedin Talent Insights in order to see the companies that are hiring students based on their career. By looking at the company's reports I extract the data and organize it with the use of Excel and python.

**Deloitte** -
*Summer robotics intern*
**Quito, Ecuador**
*Jun 2024 - Aug 2024*
• During this program, with a team of three people, I was able to learn and manage different RPA processes that Deloitte uses to download and supervise clients' taxes. The main tool used was UIPath for bot configuration and Python to manage pdf and xml documents. Customers varied, but the main ones were Ecuadorian banks and south American airlines, which had numerous reports.

## EDUCACATION

**American School of Quito (ASQ)** Secondary School, Science, 2008-2022
*GPA: 3.7/4*

**Tecnologico de Monterrey (ITESM)** Bachelor's, Software Engineering, 2022-Present
*GPA 3.5/4*

***Relevant Courses :***

- Programming and computer thinking
- Oriented Object Programming I & II (OOP)
- Computer biology and architecture
- Data structures and algorithms
- Internet of things (Iot)
- Device Interconnection
- Software Implementation
- Software Development and Decision Making

## ACTIVITIES

Track and field team (ASQ),
TOEFL(91) ,
Red Cross Course,
CISV Intercultural Exchange,
IB Full Diploma,
TEDx Quito volunteer,
Hackathon 2024

## PROJECTS

**Poetry Site**
**Monterrey, Mexico**
*Jun 2024 - Aug 2024*
- A website where I publish my poetry. It has an integrated API for feedback that users give regarding a specific poem. The website is connected to a database where the poems are registered and then uploaded using pgAdmin4, React.js, and JavaScript.

**Rockwell**
**Monterrey, Mexico**
*Mar 2024 - Jul 2024*
- For this new project, alongside a team, we are building a video game (user experience) that will run on a website primarily using React, Unity, and JavaScript. The entire project is a task placed by the company *Rockwell Automation* so they can improve their digital thread and interaction with clients.

**Personal Web Page**
**Quito, Ecuador**
*Dec 2023 - Feb 2024*
- For this project I am creating my personal web page that contains all of my relevant professional information in one place. I'm always working on it, adding new projects, information , etc. The link is in the profile section.

**Europe Cities**
**Monterrey, Mexico**
*Nov 2023 - Nov 2023*
- By reading a csv file, the objective is to see the distance between any city to other and also the different routes that a city of origin has. In order to see the routes I used a BFS and DFS sequence to see all of the graph neighbors and target vertices. The hashtable served to make the creation

**Breakout Game**
**Monterrey, Mexico**
*Nov 2023 - Nov 2023*
- Breakout game with different modalities to play using pygame. The game has three different game modes, Individual (just the player against a wall) , 1v1 (player against a bot) and time trial (player against the wall with limited time). Each of these game options has difficulty settings.

**Plant GPT**
**Monterrey, Mexico**
*Oct 2023 - Nov 2023*
- Product that keeps track of different behaviors that can affect a plant. This was measured using 5 different sensors and we connected them to an API (postman) using Node.js and Arduino coding and finally the data ended in a Dbeaver database.