

## PROFILE

Studying at Instituto  
Tecnológico y de Estudios  
Superiores de Monterrey

**GPA :** 98/100

Graduating in June 2023

**Nationality:** Mexican

**Birth date:** 04/10/2000

### Languages

Spanish - Native  
English - Advanced (B2  
certificate)  
Italian - B2 certificate  
French - mid-school (about B1)  
Korean - studying for 2 years

### Programming Languages

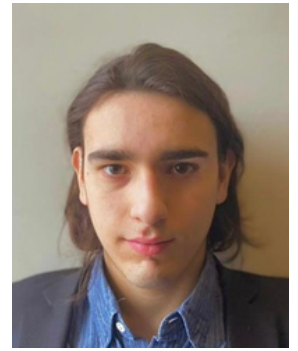
Java, Python, C++, MATLAB,  
Octave, R.  
HTML, CSS and Javascript for  
web development.  
Database management with  
SQL.  
Functional paradigm  
languages. (Clojure, Scheme)

### Work experience

Technical team intern in the  
digital marketing area of  
Tecnológico de Monterrey

# JUAN PABLO TREVÍÑO LOZANO

Student in Computer Science and  
Technology Engineering



## ACADEMIC AND PERSONAL PROJECTS

Spring 2021	Web page management for the Academic Mentors of Excellence of the Tec de Monterrey.
Spring 2021	Gamification and web page project for Cemex.
Fall 2021	Agent based vehicular traffic simulation with intelligent traffic lights.
Spring 2022	Deep learning Natural Language Processing system to predict task effort given a user story.
Fall 2022	Experimentation on the effects of dropout in overfitting models of 7 datasets.
Fall 2022	Sentiment analysis on clustered documents retrieved by web scraping.

## TECHNICAL KNOWLEDGE AND SKILLS

Understanding and use of data structures advance computational algorithms.

Relational database design, construction and operation.

Theoretical and practical knowledge in machine and deep learning:

- Diverse supervised and unsupervised learning algorithms. (*Logic and mathematical level understanding*)
- Evaluation metrics for models.
- Libraries (TensorFlow, PyTorch, scikit-learn, numpy, pandas, etc.)

Understanding of project management methodologies.

Effective communication and teamwork in multicultural groups.

*Certificate in Machine Learning by Stanford Online.*

*Studies on information retrieval and web search, machine learning and pattern recognition in Concordia University, Canada.*

**Contact  
info**

Cellphone number and email address are  
omitted in this public version of the CV



JPTL2000