**Jorge Guijarro**

## Guadalajara, México | +52 614 159 7728 | jorgeguijarro2004@gmail.com | [LinkedIn](https://www.linkedin.com/in/jorge-guijarro-28b428315?lipi=urn%3Ali%3Apage%3Ad_flagship3_profile_view_base_contact_details%3BYo1%2F1LMYQrmEtrdHjdbW8Q%3D%3D) | [GitHub](https://github.com/JorgeGuijarro668)

***EDUCATION***

## Tecnológico de Monterrey

B.S. in Data Science and Mathematics Engineering, Graduating 2026

GPA: 3.77

***EXPERIENCE***

## Red SER Teaching Volunteer | 2022 - 2024

* Instructed and mentored 10+ high-school students in subjects such as Math, Chemistry, and English.
* Developed and implemented detailed teaching materials, supporting class engagement and comprehension.
* Assisted 90% of struggling students improve their grades academically.

## FIRST FTC EaglesMX 15516 Engineering Team Member | 2018 - 2020

* Successfully met multiple project deadlines for robot construction, ensuring timely completion.
* Created a comprehensive documentation for the constructed robot, emphasizing precision and clarity.
* Participated in regional events, including Albuquerque and San Antonio, showcasing the team's achievements.
* Recognized for excellence with the Inspire Award and Motivate Award.

***PROJECTS***

## Futuristic Classroom (SQL, Python, HTML) | 2023

* Conceptualized and brought to life a cutting-edge classroom model through the integration of IoT technology, Python, and HTML.
* Orchestrated the connectivity of sensors and actuators, establishing a seamless interaction within the IoT web framework. All data was systematically stored in a SQL database for further analysis.
* Engineered a user-friendly Python menu, enabling efficient modification of actuator actions. Implemented a script to manage sensors and actuators, optimizing routine operations for enhanced functionality.

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## eTutor: Digital Study Partner (Python, Google Cloud) | 2022

* Created an interactive teaching aid to help struggling students with exercises and various questions to review.
* Implemented with Google Sheets API to efficiently store and manage scores in a cloud-based spreadsheet, ensuring easy access and data management via python.
* Helped 10+ students achieve their goals and pass struggling classes.

***TECHNOLOGIES AND PROGRAMMING LANGUAGES***

* Python, C++, R, MATLAB, Github, VSCode, REST APIs

***LANGUAGES***

* Spanish (Native), English (B2), French (A1)