Alonso Huerta Escalante

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Education

Software Engineer. GPA: 99/100   **Expected Graduation: July 2026**
ITESM Instituto Tecnológico de Educación Superior de Monterrey, Campus Monterrey - Monterrey, Nuevo León

   Courses: Introduction to AI, Data Structures & Algorithms, Full Stack Web Development with Flask, C++, Python, Microsoft Azure AI Services.

Awards

Mathematical Olympiads/Contests

- Yucatan **State Representative** in Mexican Math Olympiads 2021 (**National**)
- **First Place** Concurso Anual de Matemáticas del Sureste 2022 (**Regional**)   Diploma
- **First Place** LIT Anahuac Mayab 2021 Math Contest (**International**)   Diploma
- **First Place** in Yucatan Mathematical Olympiad UADY 2019, 2020, 2021 (**Regional**)

Informatic Olympiads/Contests

- **Gold Medallist, 6th place overall**, in Mexican Informatics Olympiad 2021 26º Edition Table & Standings Diploma
- **Gold Medallist** in Informatics Olympiad in Mexico City and Estado de Mexico (**National**)   Diploma
- **First Place** Meta FEE Tec de Monterrey Coding Contest 2022   Table & Standings
- Codeforces Ranking 1671 (**Expert**)   Profile Github
- "**Best Blockchain Implementation**" in **Hackathon** MTY 2022

Experience

Mexican Informatics Olympiad Committee (COMI)   **Started May 2022**
Assistant Professor of Yucatan's Delegation

- Led state's team to win **5th place in Mexican Informatics Olympiad** 2022 27º Edition   Table & Standings
- **Taught** introduction to **programming**, advanced **math**, **algorithms** and **data structures** classes

South Mexican MUN (SMMUN)   **Started July 2021**
Secretary of Technology and Logistics

- Developed organization's **website (smmun.com)**. Easy to navigate interface.   Website Github
- Made using **HTML, CSS/Bootstrap and Javascript.** Allows future developers that **easily update the information** by the **automatization of content generation**.
- An average of **120 visitors** in high traffic months

Projects

Muzenkab – Github   **August 2022**

An **API** for people who are trying to complete their FIFA World Cup album. By the use of an **SQL database**, Muzenkab stores users information (which stickers they are offering, which stickers they need, as well as contact information), and **an algorithm connects them with other users** that have the stickers that they want and want the stickers that they have. This app helps users have a more **efficient** and **successful** trade off, **reducing the time of interaction almost a third of the time**. (Python, Flask, SQL, APIs)

alonso284.me My Blog – GitHub Website   **Launched in March 2021 - Still Updating Content**

Blog webpage with some of my applications: Weather consultant, Random Generators, mini Games and Spotifysearch, a social media app to share spotify playlists where you can find other playlists similar to yours. This app promotes music discoverability and helps you find people with tastes similar to yours. **(Python, Flask, SQL, Microsoft Azure, APIs, Javascript, HTML, CSS/Bootstrap)**

StoryInc – Github   **September 2022** - **On development**

A **Web 3.0** app that provides authors a safe way to post and own their literary pieces (comics, books, poems) by the use of **NFT technology**. StoryInc's goal is to **help authors monetize** their content online and share their pieces for a fast and wide spread of their content. Made using **DeSo Framework**, a blockchain **API**. (DeSo Framework, Flask, APIs, Python, SQL)

Programming Skills: C++ (5 years), Python (3 years), Javascript, SQL, Git, Flask, HTML, CSS/Bootstrap, Azure, DNS