

Miguel Angel Garza Carranza

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EDUCATION

Instituto Tecnológico de la Laguna

Bachelor of Engineering in Computer Systems; GPA: 95/100

- Relevant Courses: object-oriented programming, calculus and statistics.

Coahuila, Mexico

Graduating in June 2026

Preparatoria Federal por Cooperacion - LUZAC

Accounting; GPA: 89/100

- **Top 1** High School in Coahuila. — **Top 5** High School in Mexico.

Coahuila, Mexico

August 2018 – June 2021

EXTRACURRICULAR

Algorithm Club ESCOM

Escuela Superior de Computo - Instituto Politecnico Nacional

- Learnt a great diversity of advanced algorithms such as 2-SAT, Centroid Decomposition, Floyd Warshall, and Articulation Bridges that improved my thinking process.
- Participated in the "Gran Premio de Mexico ICPC 2022" w/ the team EspantaBugs, **ranked 135 out of 271 teams**.

Remote

Feb 2022 - Present

Algorithm Club ITL

Instituto Tecnológico de la Laguna

- Participated in the "7° ITS San Pedro Contest" w/ the team EspantaBugs, **ranked 3 out of 160 teams**.

Coahuila, Mexico

Jan 2022 - Present

PERSONAL PROJECTS

Pacafy 🗄 | [JavaScript](#), [React](#), [GraphQL](#), [Apollo](#), [Firebase](#), [Stripe](#), [Styled Components](#)

May 2022 – July 2022

- Created a full-stack E-Commerce web app with React, JavaScript, and GraphQL.
- Managed the authentication part with Firebase, storing the data in non-relational databases.
- Added the processing of credit card payments for merchants with Stripe.

Conquering Seattle 🗄 | [Php](#), [JavaScript](#), [SQL](#), [MySQL](#), [TablePlus](#), [CSS](#), [SASS](#), [Gulp](#)

April 2022 – June 2022

- Developed a full-stack Real Estate web app with Php for backend and JavaScript for frontend.
- Implemented CRUD operations on SQL to maintain persistent storage.
- Worked with WorkBench and TablePlus to simplify and visualize SQL databases.

TikTok Festival 🗄 | [JavaScript](#), [SASS](#), [Gulp](#), [Html](#), [CSS](#)

March 2022 – April 2022

- Applied my new knowledge of JavaScript concepts such as DOM manipulation, and event delegation by adding a smooth scroll effect, and pinning the bar when scrolling.
- Learnt how to automate tasks with the help of Gulp like converting the images from .png to .webp (lightening them by 26%) and how to accelerate the CSS coding part using SASS.

SKILLS SUMMARY

Programming Languages: **Proficient:** C/C++, Java — **Intermediate:** JavaScript, Php — **Beginner:** Python, SQL

Technologies: HTML5, CSS3, Github, MySQL, WorkBench, TablePlus, Gulp, SASS, React, GraphQL, Firebase, Stripe, Styled Components, Sublime Text, VS Code, Eclipse, NetBeans, Git, Responsively

Languages: Spanish(native), English(fluent-B2)

HONORS AND AWARDS

🏆 **Gold Medalist** over 3000+ contestants, "Regional Mathematics Olympiad (ONMAPS)". – May 2018

🏆 **2nd place** out of 300+ contestants, Entrance exam for my career (Computer Systems ITL). – July 2021

🏆 **2nd place** out of 42 contestants, "Google Kickstart Round B Mexican Top" w/ user: maiky. – April 2022

🏆 **9th place** out of 110 contestants, "Liga de Programacion - Fase 2" w/ user: maikyh. – January 2022

Outstanding participation in the XVIII Mexican Mathematical Olympiad (ONMAPS). – January 2018

Outstanding participation in the II Mexican Mathematical Olympiad (OMMEB). – January 2018

Outstanding participation in the XXVI Pre-national Pre-university Mathematics Tourney. – March 2017