



# ALAN ARTURO MARTINEZ CASTRO

INFORMATION AND COMMUNICATION TECHNOLOGIES ENGINEER (ICT)

## ABOUT ME

Final-year student of Information and Communication Technologies Engineering, close to graduation. I am interested in specializing in software development, IT management, and emerging technologies. I stand out for my fast learning ability, teamwork skills, and problem-solving mindset, as well as my adaptability to new tools and technologies. I am seeking an internship or entry-level position where I can apply my technical knowledge and contribute to the technological growth of the organization.

## EDUCATION

### Instituto Tecnológico de Aguascalientes

Bachelor's Degree in Information and Communication Technologies Engineering  
2020 – 2025 (In progress)

### CEB 8/4 "Frida Kahlo"

Technical High School Diploma in ICT  
2017 – 2020

## LANGUAGES

Spanish – Native

English – Basic

## CONTACT

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<https://alancastrooo.github.io>

Aguascalientes, Ags

## WORK EXPERIENCE

### ACADEMIC PROJECTS (ICT)

(2022 – 2025)

- Sign Language Translator Hand (InovaTec Project).
- Mobile application development using Android Studio.
- Web development using HTML, CSS, JavaScript, and related technologies.
- Java application development for inventory management systems.
- Implementation of MySQL databases for sales control.
- Network simulation using Cisco Packet Tracer.

### Waiter / Event Staff

(2019 – 2025)

- Customer service in restaurants, nightclubs, and large-scale events.
- Experience at major events such as the National Fair of San Marcos.
- Coordination and customer support in events with over 500 attendees.
- Development of leadership and teamwork skills in dynamic environments.
- Real-time problem resolution to ensure customer satisfaction.
- Strengthened communication skills, ability to work under pressure, and direct customer interaction.

## TECHNICAL SKILLS

- **Languages:** Java, Python, C#, C++, JavaScript, TypeScript
- **Web & Mobile Development:** HTML, JS, CSS, React, React Native
- **Backend:** PHP, Node.js, .NET, APIs REST
- **Databases:** SQL, MySQL
- **Operating Systems:** Windows, Linux, WSL
- **Version Control:** Git, GitHub
- **IoT / Embedded Systems:** Arduino, ESP32, ESP8266
- **Tools:** Android Studio, Cisco Packet Tracer, Microsoft Office