

# Alan Ramírez Herrera

## Contact information

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## Profile

Software developer from  
Guadalajara, Jalisco, I love solving  
people's problems through software

## Soft Skills

- + Team work
- + Creativity
- + Problem solving
- + Autodidact
- + Adaptability

## Technical Skills

### Languages

- + Proficient: C++, C, C#, Typescript
- + Familiar with: Dart, Rust, Python

### Libraries & frameworks

- + Proficient: ASP.NET Core, Angular, ESP32 IDF
- + Familiar with: Flutter, Vue, Boost

### Database management

Azure SQL, Postgresql, ArangoDB

### Tools


Git, Visual Studio, CLion, NUnit, GTest

## Languages

Spanish Native  
English Intermediate

 [github.com/alan5142](https://github.com/alan5142)

 [stackoverflow.com/users/9551421](https://stackoverflow.com/users/9551421)

 [alan5142.github.io](https://alan5142.github.io)



## Education

Engineer | Computer systems

Started in August 2019, graduating in December 2023  
ITESO Guadalajara

Technologist | Software development

Fall 2015 - Spring 2019  
Centro de Enseñanza Técnica Industrial



## Laboral Experience

Automotive projects company

07/19-now

- Develop a remote CAN controller



## Projects

Kingdom Madness

<https://github.com/Alan5142/Kingdom-Madness>

- Turn-based RPG written in C and PDCurses

MaxOrg

<https://github.com/Alan5142/MaxOrg>

- Project management platform aiming software developers, it uses Angular, ASP.NET Core and ArangoDB.



## Contests

INGETEC Expo 2019-A | Guadalajara, México

07/19

- Expose a project to a committee, the exposed project was MaxOrg, participant

Talent Land Bosch Hackathon | Guadalajara, México

04/19

- Design an implement a chatbot to display information about car parts, finalist

Undergraduate Programming Contest UNIVA | Guadalajara, México

03/19

- Solve problems using C++ in a limited time, winner team

Zero Robotics High School Contest | Virtual

10/17

- SPHERE satellite programming for picking boxes, virtual phase finalist



## Courses

IBM Workshop - Build a virtual agent with AI and FaaS

09/19

- Build a virtual agent using Watson assistant and connecting it with a cloud function