



# Federico Ramírez Villagrana

24 YEARS OLD, SOFTWARE ENGINEERING STUDENT

Guadalajara, Jalisco, Mexico

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*My biggest interests are shell scripting, server management, DevOps methodology and processes, distributed systems, AI, design patterns and principles, databases, and psychedelic rock.*

## Experience

### Bosch México

HMI DEVELOPER JR

Guadalajara, Mexico

May. 2019 - PRESENT

- Development of HMI interfaces for instrument panel clusters using CGI tools and C++ frameworks.

### Qualified Storm Leads

FULL-STACK WEB DEVELOPER & SERVER ADMINISTRATOR

Guadalajara, Mexico

Jan. 2017 - Mar. 2019

- Developed web-based solutions and platforms for internal use of the company, as well as for managing clients and contact with them through email, SMS, and push-notifications.
- Build REST APIs to provide support for mobile applications.
- Used technologies and tools including PHP - Laravel, Javascript, Git and Gitflow, shell scripting.
- Managed company's both shared hosting servers and virtual private servers. Worked with distributed-database systems.

### Corb consultoría informática

BACK-END WEB DEVELOPER

Guadalajara, Mexico

Feb. 2016 - Sep. 2016

- Development and maintenance of web platforms for different clients using various frameworks and technologies including Laravel, Angular2, JQuery, OAuth2.0, Wordpress, among others.

## Education

### Universität Hamburg

EXCHANGE SEMESTER

Hamburg, Germany

Oct. 2018 - Mar. 2019

- International mobility program in Germany covering topics such as distributed systems and information security, human - computer interaction and the ethics of informatics, among others.

### Universidad de Guadalajara

B.S. IN COMPUTER ENGINEERING

Guadalajara, Mexico

Aug. 2014 - Jul. 2020

- I developed a C++/Qt5 application that obtains point clouds using a bidimensional laser scanner and a servo-motor for their posterior analysis with clustering algorithms.

## Extracurricular Activity

### PEPE (Programa de Español Para Extranjeros) - Universidad de Guadalajara

PARTICIPATED AS PEPITO

Guadalajara, Mexico

Jun. 2017

- I took part in a spanish program for foreigners hosted by UdeG. Our tasks as "Pepitos" included one-on-one tandem sessions, helping with dance classes, and cultural interchanges.

## Languages and other skills

**Spanish** Native speaker.

**English** Certificate TOEFL IBT, C1 level.

**German** Certificate GOETHE-ZERTIFIKAT, B1 level. Currently studying C1 level.

**UNIX-like systems** I have worked with and managed different distributions of GNU/Linux. I have successfully installed and configured services on servers, and automated tasks with cron jobs and simple shell scripts.

**Agile methodologies** I have experience working with the SCRUM methodology and as project manager / team leader.