



Federico Ramírez Villagrana

24 YEARS OLD, SOFTWARE ENGINEERING STUDENT

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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.

Education

Universität Hamburg

Hamburg, Germany

EXCHANGE SEMESTER

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

Guadalajara, Mexico

B.S. IN COMPUTER ENGINEERING

Aug. 2014 - PRESENT

- Currently developing a C++/Matlab framework for implementing and benchmarking parallelized evolutive optimization algorithms.

Experience

Bosch México

Guadalajara, Mexico

HMI DEVELOPER JR

May. 2019 - PRESENT

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

Qualified Storm Leads

Guadalajara, Mexico

FULL-STACK WEB DEVELOPER & SERVER ADMINISTRATOR

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

Guadalajara, Mexico

BACK-END WEB DEVELOPER

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.

Extracurricular Activity

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

Guadalajara, Mexico

PARTICIPATED AS PEPITO

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 am confident working with and managing UNIX-like systems.

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