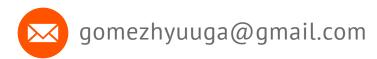
# Fernando Gómez Herrera

+521 5573882193

gomezhyuuga.github.io

Computer Science Engineer
BSc. & MSc. student in CS/Machine Learning





#### **PROFILE**

I am a mexican *Software Engineer*, currently studying a *MSc*. in *Computer Science and Machine Learning*, with wide experience in web technologies and deep learning recently. I do also work as a freelance and because of that I'm learning new stuff everyday. I love to practice yoga or take long walks. I'm a bookworm, geek, anime fan and tech entrepreneur.

Languages: english (advanced), japanese (basic).



### **WORK, PROJECTS & HIGHLIGHTS**

- 07. 2018 React.js Intermediate Level Certification by Wizeline Academy
- 10. 2017 **16<sup>th</sup> Mexican International Conference on Artificial Intelligence**Article and presentation of: A Quartile-Based Hyper-Heuristic for Solving the 0/1 Knapsack Problem.
- O6. 2017 **Stevens Institute of Technology** New York Area | *Summer Research Internship* Application of visualization techniques to display user behavior patterns in web browsing.
- 07. 2016 **Hewlett Packard Enterprise** Silicon Valley, *Software Engineer Contractor* Application made in Node.js, Grommet & C++ related to Value at Risk analysis of financial portfolios.
- 10. 2015 ACM ICPC 2015 Contest participant: Mexico and Central America
- O6. 2015 **Front-end developer** Intelimétrica | Summer work, *React.js, Selenium* Acceptance tests to ensure quality of the business services. Development of real estate dynamic pricing maps.
- O6. 2013 **Full-stack developer** Summa Di-Saas | *Ruby on Rails, AWS, Django* Kickstart of the development area of the company, leading the first tech projects.
- O3. 2013 **SiRASS** Universidad Autónoma de la Ciudad de México (Social Service) | *Ruby on Rails* Project leader and developer of a system for the social service office. It reduced waiting times by ~50%
- O1. 2011 **Fedora community** +3 years involved in the community | FBN, fedoraproject.org Chair of Fedora Blogger Network, creation of guides and support to the community through IRC channels.



#### **EDUCATION**

#### Tecnológico de Monterrey

**MSc. in Computer Science and Machine Learning** 

· Web bot detection (SIVT) using ML Pattern Recognition

**BSc. in Computer Science** 

- **CENEVAL Medal Award** given to **1%** of the national studens for graduating with excellence
- Academic Excellence (GPA 4.0) x3 times

2014

2018

2016

### California State University, Chico

Game Development & Design

## TECH SKILLS

JS + React + Redux

Ruby on Rails

Deep Learning (Keras)

Python 3 + Numpy/Pandas

**Also**: TDD, R, Visualization Tools, Google Cloud Platform, AWS, MySQL, MongoDB, Firebase, Docker, DevOps, Node.js, Angular, Django, Git, Erlang, Clojure, Swift, C/C++, z/OS, Selenium, TDD, Octave, Matlab, Jekyll.



## TRAINING

Code School: Ruby, Rails, Fundamentals of Design, Front-End Foundations, SQL. Microsoft: HTML5 & IE9 diploma.

Coursera: Computer Vision, Andrew's Ng ML Course

**DataCamp:** Basic & Intermediate Python for Data Science, R Courses **Others:** Fast.ai First Course, Fast.ai's Intro to Machine Learning