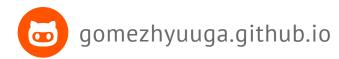
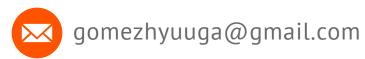
# Fernando Gómez Herrera

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Computer Science Engineer
BSc. & MSc. in CS + Machine Learning

in/gomezhyuuga



#### **PROFILE**

I am a **BSc. & MSc. Software Engineer** with wide experience in web technologies and recently with deep learning. I have been working as a **freelance** for almost **4 years** and since high school I have been working during summers either in personal projects, at startups or studyin. I love to practice yoga; to 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/TS + 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