

# RodolfoFerroPérez

math student & sci-tech lover



## contact

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## languages

spanish: mother  
tongue  
english: fluency

## programming

♥♥♥ Python (4 yrs)  
♥♥ C, C++ (4 yrs)  
♥♥ R (2 yrs)  
♥ PHP, JavaScript (1yr)  
♥ Processing (1 yr)

## education

2011–present **Bachelor's Degree in Mathematics**  
*Expected graduation date: Dec 2017*

University of Guanajuato, Guanajuato

## actual activity

- May 2016 **GDG - Google Developer Group** León, Guanajuato  
Member of the Google Developer Group in León, Guanajuato.  
(gdgleon.com)
- Jan 2016 **Broadcasting and social media manager** Guanajuato, Guanajuato  
Broadcasting and social media managing coordination leader at Espiral: Foro Cultural Universitario. (espiral.ugto.mx)
- Jan 2015 **Event coordinator** Guanajuato, Guanajuato  
Member of the local team at Clubes de Ciencia México.  
(clubesdeciencia.mx)
- Jan 2015 **Software Developer** Guanajuato, Guanajuato  
Member of the dev team at Clubes de Ciencia México.  
(clubesdeciencia.mx)

## experience & participations

- Nov 30  
2016 **1st CONTEST "Mi Proyecto de Vida"** University of Guanajuato, Guanajuato  
*1st Place - Social Impact (MultiCore)*  
We designed a plan for social impact related with sciences.
- Nov 11-13  
2016 **NÉBULA** Explora Museum, León, Guanajuato  
*Participation with a Scientific and Social Entrepreneurship Project (SciHacking)*  
We designed a multiplatform to connect science researchers with students.
- Nov 3  
2016 **CONTEST DCEA-INNOVA-CREA** DCEA, University of Guanajuato, Guanajuato  
*1st Place - Social Entrepreneurship Project (BriM!)*  
We developed a multiplatform for information centralization using data scraping.
- Oct 26-31  
2016 **iGEM 2016 GIANT JAMBOREE** Hynes Convention Center, Boston, Massachusetts  
*Silver Medal - Manufacturing Project (BioSense)*  
Development of biosensors and patches to kill pathogenic bacteria that produce skin infections.  
(2016.igem.org/Team:Guanajuato\_Mx)

Oct 24-25  
2016 **DCNE'S CREATIVITY AND INNOVATION CONTEST** DCNE, University of Guanajuato,  
Guanajuato  
*1st Place - Technology Project (BeePortal)*  
We developed a multiplatform for students with video contents.  
(rodolfoferro.github.io/beeportal/)

Jul 31 - Aug 6  
2016 **SCIENCE CLUB: "Explorando los sentidos: ¡Ciencia y tecnología!"** Clubes de Ciencia  
México, Guanajuato, Guanajuato  
*Co-instructor of the workshop*  
Taught the Python programming part of the workshop, which was designed by  
the Physics Nobel Prize in 2004, Frank Wilczek.  
(rodolfoferro.github.io/ExplorandoLosSentidos)

Jun 16 - Jul 1  
2016 **MECATE** San Miguel de Allende, Guanajuato  
*Participation as a maker at MECATE*  
(let-emprendimientopublico.mx/en/mecates-second-generation/).

Jun 3-5  
2016 **HACKATHON CAMPUS PARTY** Centro Fox, León, Guanajuato  
*Top 100 projects (Tessel)*  
We developed a simple geolocalizer to battle poorness using computational  
geometry (a Voronoi Tessellation).

Apr 22-24  
2016 **HACKBAJÍO FINTECH** ITESM Campus León, León, Guanajuato  
*1st Place (Faceld)*  
We developed a simple facial recognition program for bank security.

Nov 5-6  
2015 **XI TALLER-ESCUELA DE PROCESAMIENTO DE IMÁGENES (PI'15) y V TALLER DE RE-  
CONOCIMIENTO ESTADÍSTICO DE PATRONES(SPR'15)** CIMAT, Guanajuato, Guanajuato  
*Attended as student.*

Aug 3-7  
2015 **SCIENCE CLUB: "Acelerando a la ciencia con procesadores múltiples"** Clubes de  
Ciencia México, Guanajuato, Guanajuato  
*Co-instructor of the workshop*  
Taught the intro to Python programming part of the workshop.  
(rodolfoferro.github.io/Acelerando)

Jun 23-24  
2015 **ESCUELA DE MODELACIÓN Y METODOS NUMÉRICOS. COMPUTACIÓN EVOLUTIVA** CIMAT,  
Guanajuato, Guanajuato  
*Attended as student.*

Jul 2014  
Jul 2015 **GOOGLE STUDENT AMBASSADOR PROGRAM** Guanajuato, Guanajuato  
*Worked as a Google Student Ambassador in the LATAM program*  
Bridge between Google and the university. Host of events to present tools,  
programs, workshops and technologies from Google.

Jan 12-15  
2015 **SCIENCE CLUB: "Cristalografía: El poder de la simetría en la materia"** Clubes de Ciencia  
México, Guanajuato, Guanajuato  
*Co-instructor of the workshop*  
Taught the math and computational simulation part of the club with Python.

Jul 27 - Aug 7 2014	<b>SCIENCE CLUB: "Encontrando historias entre los datos"</b> Clubes de Ciencia México, Guanajuato, Guanajuato <i>Attended as student.</i>
Jan 22-24 2014	<b>SCIENCE CLUB: "Diseño de hortalizas hidropónicas para techos en Guanajuato"</b> Clubes de Ciencia México, Guanajuato, Guanajuato <i>Attended as student.</i>
Jan 13-17 2014	<b>SCIENCE CLUB: "Interfaces interactivas"</b> Clubes de Ciencia México, Guanajuato, Guanajuato <i>Attended as student.</i>

## communication skills

2016	<b>Oral Presentation</b> Presented a tech talk about PyGame, a Python's framework for videogames.	<DevNights> at Tepache Hacklab - León, Guanajuato
2016	<b>Oral Presentation</b> Presented a talk about projects development.	Innovator's fair - Celaya, Guanajuato
2016	<b>Oral and Poster Presentation</b> Presented part of the Guanajuato_Mx's project BioSense.	iGEM Giant Jamboree - Boston, Massachusetts
2016	<b>Workshop</b> Science club: "Explorando los sentidos: ¡Ciencia y tecnología!".	Clubes de Ciencia México - Guanajuato, Guanajuato
2015	<b>Workshop</b> Science club: "Acelerando a la ciencia con procesadores múltiples".	Clubes de Ciencia México - Guanajuato, Guanajuato
2015	<b>Workshop</b> Science club: "Cristalografía: El poder de la simetría en la materia".	Clubes de Ciencia México - Guanajuato, Guanajuato
2014	<b>Oral Presentation</b> Presented a tech talk about Google Drive.	University of Guanajuato - DCI's Students Seminary

## interests

**professional:** mathematics, computer sciences, image processing, data analysis, algorithm analysis, software design & developing **personal:** hackathons, technology, entrepreneurship, science, workshops, programming, reading & learning