

David Pedroza Segoviano



BubuDavid Mexican

Dec 01, 1999



david.pedroza.segoviano@gmail.com

Awards

Gold medal - Informatics Estatal Olympiad

Investigation Math Center
2016

2nd. Place - World Educational Robot Contest Mexico

World Educational Robotics Society
2016

1st. Place - Fedemáticas

Leon Guanajuato Federation of Particular Schools
2017

1st. Place - Scholar Physicist Olympiad

La Salle University
2017

1st. Place - Scholar Math Olympiad

La Salle University
2017

Bronze Medal - Informatics Estatal Olympiad

Centro de Investigación en Matemáticas
2015
Investigation Math Center

3rd. Place in Lince-Hack 2019

Celaya Institute of Technology
2019

3rd. Place - Hack-león Seguridad Total

Leon General Directorate of innovation
2019

Languages

English

Spanish

Communities

Google Developer Student Club

UG

Member

Sep 2021 - Present

Google Developer Student Clubs (GDSC) are community groups for college and university students interested in Google developer technologies.

Profile

Quick learner, proactive Physics undergraduate student with background in mathematics and programming. I consider myself proficient when operating Python and JavaScript. I'm a machine learning enthusiast, web developer beginner, programming lover and I have participated on a large amount of competitions, such as: competitive programming, hackathons and Olympiads in mathematics, physics, informatics, etc. I have knowledge of algorithms for complex problems, optimization and time complexity calculus. I know how to be persistent and work under pressure. Besides that, I find teamwork as one of my major skills.

Skills

Python

Pandas, Numpy, Scikit-Learn, Matplotlib, etc.

Web Development

HTML, CSS, JS, Flask, Node.js, API's

Git/GitHub

Physics

EM, CM, QM, etc.

Mathematics

Calculus, Linear Algebra, Statistics, etc.

Arduino

SQL

MySQL

Interests

Web Development

Machine Learning

Python

Quantum Computing

Physics

Hackathons

Competitions

Travel

Sports

Data Science

SQL & NoSQL Data Bases

Projects

SpoTwipy

Sep 2021

Bot made with Flask framework and Spotify and Twitter API's. It chooses 5 random songs from your Spotify and tweet them out!

Color Palette Picker

Sep 2021

Simple page to obtain the color palette of any picture on internet with Scikit-Learn and OpenCV

ML Classifier Comparison

May 2021

Simple comparison between some ML Classifiers.

Responsive Resume

Jan 2021

A simple, cool responsive resume page

Personality Analysis with Spotify

[WIP]

A web application that find what kind of personality you are based on music you listen to. Work in progress.

Personal Growth Events

Instructor - Workshop: "My first Web Page for a Hackathon"

Hack-Ambiental of the ENMSCHL

Sep 2019 | León, Gto

Organized Group of Physics

Undergrads

Member

2020 – present

Future Lab

Coordinador

Jun 2019 – Present

"Our vision at Future Lab is to be able to develop our future, share knowledge and create connections to help and improve our community."

Clubes de Ciencia México

Staff Member, Guanajuato

Aug 2020

Youth Science Society Leon

Coordinador

2018 – 2019

"In the youth of now, is the science of the future"

Education

Universidad de Guanajuato Campus León, Science and Engineering Division

Physics Degree

Aug 2018 – Now

La Salle University Campus Leon

High School

Aug 2015 – Jun 2018

Mentor - León Smart cities Startup Weekend

Tec de Monterrey

Sep 2019 | León, Gto.

Staff Member - Bee-Hack

Hackathon

May 2019 | Guanajuato, Gto.

Hackathon of the university of Guanajuato.

Staff Member - Introduction course to web development with Python and Flask

Course

2019 | León, Gto.

Course made it by the Leon General Directorate of innovation for any kind of public.

MLH Local Hack Day Instructor

Python + Twilio Course

2019

Tutor - High School Students

La Salle University

2016 – 2018 | León, Gto.

I helped and instructed a lot of high school students with low grades in subjects like: Math, Physics, Calculus, etc.

Libero(Volleyball) - Representative Volleyball Team of State of Guanajuato

La Salle University

2018 | Ciudad de México

Representing to the state of Guanajuato in the Inter-Lasallistas National High School volleyball games where we achieved the 4th. place.

Mentor - Knowledge Olympiads

Informatics Regional Olympiad

2017 | León, Gto.

Leader and Tutor - Robotic Teams (WER)

La Salle University

2017 | León, Gto.

Participations

Clubes de Ciencia México

Revealing The Hidden Hyperspectral With Artificial Neurons

Aug 2019 | Guanajuato, Gto.

Guanajoven Space

Hackathon

2018 | León, Gto.

LinceHack

Hackathon

2018 | Celaya, Gto.

Hackathon organizado por el Tecnológico Nacional de México en Celaya

World Educational Robot Contest México 2017

Participant

2017 | León, Gto.

Mexican Mathematics Olympiad

Participant

2017 | Guanajuato, Gto.

Mexican Physics Olympiad

Participant

2017 | León, Gto.

Mexican Chemistry Olympiad

Participant

2017 | Guanajuato, Gto.

Gto Science Workshop for Young People 2017

Participant

2017 | Guanajuato, Gto.