Zapopan, Jalisco,México 🏠
20 de Noviembre Street #413
P.C. 45150 ▦
Professional Certificate
12007533
331 587 0278 📞
luis.011695@gmail.com ✉
26 years

LUIS JORGE
PALACIOS VELA

EDUCATION

Master
Master in Basis Mathematics | Centro de Investigación en Matemáticas (CIMAT), Guanajuato
2018 – 2020
Area of study: Commutative Algebra

Undergraduate
Bachelor in Mathematics| Universidad de Guanajuato, Math's Department
2013 – 2018
Area of study: Algebraic Topology, Topological Data Analysis

SKILLS

- Intermediate level in C, C++, R, Python, Java, and SQL
- 2 and a half years of experience as Teacher Assistant.
- Advanced use of MS Word, MS Excel, MS PowerPoint.

LANGUAGES

- Spanish, native language.
- English, level C1.

LABORAL EXPERIENCE
IT Trainee | TCS Guadalajara, Jalisco, México
Feb 2021 - Now

Teacher Assistant in High School | CIMAT Guanajuato, Guanajuato, México

JANUARY 2019 – NOVEMBER 2019

Responsible for grading homework of 3 groups each semester: Algebra, Calculus, and Analytic Geometry. Give the class when the teacher couldn't.

Teacher Assistant for Calculus 2| CIMAT Guanajuato, Guanajuato, México

JANUARY 2018 – JUNE 2018

Responsible for grading homework, and once a week give a class to resolve doubts

Teacher Assistant for Calculus 1| CIMAT Guanajuato, Guanajuato, México

AUGUST 2017 – NOVEMBER 2017

Responsible for grading homework, and once a week give a class to resolve doubts

Teacher Assistant for Topology 2| CIMAT Guanajuato, Guanajuato, México

JANUARY 2017 – JUNE 2017

Responsible for grading homework, and once a week give a class to resolve doubts

RELEVANT TALKS

Talk "Limits: From calculus to categories"| DEMAT Guanajuato, Guanajuato, México

OCTOBER 2020

I go over the definition of limits in Category Theory and relate it with the definition in Calculus.

Talk "Morita Equivalence"| CIMAT Guanajuato, Guanajuato, México

NOVEMBER 2019

The focus of the talk was to give a proof of the Morita Theorem

Talk "The curious case of the n-sphere"| DEMAT Guanajuato, Guanajuato, México

FEBRERO 2018

The focus of the talk was to explore some of the interesting properties of the spheres in high dimensions

Talk "Distinguishing shapes with matrix measures"| CIMAT Guanajuato, Guanajuato, México

ENERO 2017

A change in the measure changed the ability of an algorithm to distinguish some forms in 3D