John Hernández
Engineer and Educator

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in **https://linkedin.com/in/jmhv19/**

Enthusiast professional of curious and persevering nature who is passionate about teaching Mathematics and Computer Science/Robotics. Accustomed to online and on-campus classes, regular and advance sessions, and multicultural working-environment. Highly proficient knowledge at Project-based & Student-Center instruction and using technological tools to improve students' experience.

SOFT SKILLS

Active learner | Critical thinking & problem solving | Presentation | Cultural empathy/People skills | teaching| Initiative| Mathematical Modelling | Leadership

HARD SKILLS

Data visualization and manipulation. Statistics Analysis. Programming. Machine Learning.

TOOLS

Mathematical
Desmos| TI | Geogebra|
Programming
VEX IQ| Python| C/C++| Excel/VBA|
Organization
Trello | Slack|

LANGUAGES

Spanish: Native.
English: Full Professional Proficiency.
Chinese: Pre-Intermediate.

INT. EXPERIENCE: Online & On-Campus (Global and China)

San New School 🇨🇳 — January 2020- Present
Full-time Mathematics and Computer Science High School Teacher.
-Precalculus teacher for regular and advanced sections.
-Create the Robotics program integrated into the CS. Classes.
-Designed and teach the C.S project-based python curriculum.
-Coordinator of the STEAM fair school-wide.
-Advisor for the Mathematics Modelling Club.

Omdena 🌐 — June – Dec 2020
Machine Learning Lead Engineer.
-Collected, clean and visualized data from social medias, and websites using Python and R.
-Built models to analyze the sentiments and aspirations of young people.
-Prepared project report (merging 50 collaborators' work) and dashboard with data insight and presented it to the client company directors.

International Association of University Summer Sessions (IAUSS) 🇨🇳 — May 2019- July 2020
Mathematics and Computer Science Professor.
-On campus: Calculus and Analytical geometric III.
-Online courses: Introduction to Computer Science with Python, Data structure and Algorithms using C, and Differential Equations.

NATIONAL EXPERIENCE 🇩🇴

Ibero-American University (UNIBE) — Aug.t 2016 – Aug. 2017
Mathematics Instructor at KAPLAN department for SAT, GMA, and GRE standardized tests.

St. Joseph School — Sep. 2015- June 2017
Pre-calculus and Calculus Teacher. Responsible for the Math Center and Mathematics Olympics trainer where 3/5 students got to the regional and 1 went to the national.

FOCUS — Nov. 2014 – Dec. 2017
Co-Founder and instructor. Responsible for supervising the logistic of the tutor's assignation and client-tutor-company communication with 15 people under my supervision.

FORMAL EDUCATION

Master in Applied Mathematics with a concentration in Algebra Coding 🇨🇳
Central China Normal University (CCNU), GPA: 3.78/4   Sept. 2017-Dec. 2019

Bachelor of Electronics and Communications Engineering 🇩🇴 — Aug. 2012- Jan. 2016
Santo Domingo Institute of Technology (INTEC), GPA: 3.53/4.00

*Additional information as **volunteer** experience, academic and professional **awards, certifications &projects** are available in* in