John Hernández
Educator and Engineer

☎ **(+86) 15-6233-08591**
✉ **Email (All hyperlinks are clickable)**
in **LinkedIn** Teaching Portfolio: **www.johnhv.com**

Passionate educator with extensive experience teaching mathematics, computer science, and robotics across diverse cultural settings. Skilled in delivering dynamic online and in-person lessons that emphasize real-world applications through project-based learning (PBL), learning by design, and student-centered teaching methodologies. Proficient in leveraging EdTech tools to enhance the student learning experience.

SOFT SKILLS

Critical thinking & problem solving | Cultural empathy/People skills | Learning | Initiative| Classroom Managements | Leadership

HARD SKILLS

Robotics
VEX| Arduino Underwater Robots | Micro:bi| ESP32 Raspberry Pi

Programming
Python| SQL| Java | Excel/VBA| C/C++| Code.org

Mathematical
Desmos| TI | Geogebra| Mathlab

Organization
Trello | Slack| Paddlet|PS| ClassIn Managebac MS. TEAMS|

LANGUAGES

Spanish
★★★★★

English
★★★★★

Chinese
★★☆☆☆

Int. Experience: Online & On-Campus 🇨🇳

Yew Chung International School of Qingdao (YCIS)
August 2022- Present

Full-time Math/Computer Science Upper Secondary Teacher.
- ❖ EdTech and STEAM Coordinator for Secondary. *Facilitated workshops for teachers and students.*
- ❖ Certified IB DP Computer Science Teacher: *Java, Database, Modelling, Website.*
- ❖ IB DP Mathematics Teacher: Applications and Interpretations.
- ❖ IGCSE Computer Science Teacher: *Python, App/Game Development, Arduino/ESP32*
- ❖ Clubs: *Underwater Robotics, Microprocessor programming, Basketball, Volleyball*

I co-created the first Underwater Robotics CCA and created the math problem for the week.

Bilibili channel(JohnHV_Edu) Youtube channel (John Hernandez Edu.)

San New School in Wuhan
January 2020- July 2022

Full-time Mathematics and Computer Science High School Teacher.
- ❖ Precalculus teacher for regular and advanced sections
- ❖ AP Computer Science Principles teacher.
- ❖ Integrate a Robotics program (using Vex) into the CS. Classes.
- ❖ Designed and taught the C.S. project-based Python curriculum.
- ❖ Coordinator of the STEAM fair school-wide.

International Association of University Summer Sessions (IAUSS)
May 2019- July 2020

Part-time Mathematics and Computer Science Professor.
- ❖ *On campus:* Calculus and Analytical Geometric III.
- ❖ *Online courses:* Introduction to Computer Science, Data Structure and Algorithms and Differential Equations.

National Experience 🇩🇴

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 attended the regional and 1 went to the national. 2016 Teacher of the Year.

Ibero-American University (UNIBE)
Aug. 2016 – Aug. 2017

Mathematics Instructor at KAPLAN department for SAT, GMA, and GRE standardized tests.

FOCUS
Nov. 2014 – Dec. 2017

Co-founder and instructor. Responsible for supervising the logistics of the tutor's assignation and client-tutor-company communication with 15 people under my supervision.

FORMAL EDUCATION

United States Teaching License 🇺🇸
Moreland University- Teach Now Program, GPA: 3.75/4   Sept. 2022- 2024
Specialized in Grades 7-12 (5624) and Computer Science (5652)

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 my teaching portfolio at www.johnhv.com and at* in