Hendrix Emmanuel Peralta Gómez

Japan, Aichi, Nagoya-shi, Chikusa-ku , Harusato-cho 4-16-1

SKILLS:

- · R / Python / SQL
- · Scikit-learn
- · Tableu

- · Statistical Analysis
- · Spatial Econometrics
- · Remote Sensing

EDUCATION:

2023 – Current	**Ma. Development Economics** Nagoya University
2021 – 2023	**Research Student** Nagoya University
2020 – 2021	**Project Manager** Pontificia Universidad Madre y Maestra (PUCMM)
2013 – 2018	**B.E Mechatronic Engineer** Santo Domingo Technological Institute (INTEC)

EXPERIENCE:

Maintenance Engineer   (Nov. 2018 - Oct. 2021)

Grupo Rojas Packaging - Maintenance department

- We classified and restructured the maintenance department's inventory data and improved the system that managed it, which streamlined and made the search and evaluation of spare parts availability more precise.
- We created, modified, and traced the maintenance department documentation to streamline all its processes. As a result, we achieved the highest score out of all departments during the ISO 9001-2015 audit.

Design Analyst   (Jun. 2017 - Feb. 2018)

Quala Dominicana – Projects department

- Alongside a multidisciplinary team, we designed and installed a new production line. This new line had a structural and network design that met the requirements of the production department and maximized the floor area.

Technical Assistant   (Nov. 2013 - Jun. 2017)
INTEC – Industrial processes laboratory

- Industrial processes laboratory instructor
- In collaboration with the head of the laboratory, we created an instructor guide for the "Industrial Process II" and "Computer-Aided Design and Manufacture" courses.

HIGHLIGHTS:

- Data Analyst certification (Datacamp.com)

- Excellent communication skills obtained through teamwork during previous jobs and extracurricular activities.

- Experience in statistical analysis, data exploration, and visualization. Additionally, I have conducted causal inference research using the Difference in Differences (DID) method. Additionally, I am exploring machine learning methods such as Random Forest, Ridge, and Lasso Regression to determine remote sensing predictors of Sustainable Development Indexes in Bolivian municipalities.

- I have experience using remote sensing data and spatial methods such as SLX and SAR.

- Languages:
    English (native),
    Spanish (native),
    Japanese (conversational)