PIERO PALACIOS BERNUY

PROFESSIONAL EXPERIENCE

Current — 2022

Bioinformatician intern

Rayca Precision

📍 Lima, PE

- Develop & Deploy NGS data processing pipelines
- Analyze large amounts of information to discover trends and patterns

2019 — 2018

Professional practitioner

International Potato Center

📍 Lima, PE

- Management and recovery of the collection in vitro "Low viability of sweet potato"
- Responsible for training in botanical and physiological knowledge in order to strengthen the methodology of in vitro propagation.
- Establishment of working methodologies and flowcharts for the management of the collection in vitro "Low viability of sweet potato".

2019

Consultant

International Potato Center

📍 Lima, PE

- Research, development, and improvement of an in vitro medium for the propagation of sweet potato compared with media used by the International Potato Centre
- Experience in the area SO Conserving Biodiversity for the Future and procedures ISO17025.
- Proposal of a new medium of cultivation to generate a better growth of the plants of sweet potato

EDUCATION

2018 — 2012

B. Sc. Biotechnology

La Molina National Agrarian University

📍 Lima, PE

- Thesis: Impact of high temperature on coffee (Coffea arabica) transcriptome
- Development of bioinformatics pipelines in HPC (High performance computing) for functional analysis of coffee transcriptome

---

CONTACT

🏠 ⌂ ✉ in

Hi! My name is Piero, and I am a Biotechnologist from Peru PE 🦙.

I have especializations in data analysis and bioinformatics from Harvard University and MIT.

I have a blog about bioinformatics aimed at people who are enthusiastic about this field.

TEACHING

Rstudio and Bioconductor

LANGUAGES

Spanish: Native

English: Intermediate

📖 COURSES

2022 ● Probability - The Science of Uncertainty and Data
MITx (Massachusetts Institute of Technology)
📍 Remote
· **Certificate**

2021 ● Introduction to Computer Science and Programming Using Python
MITx (Massachusetts Institute of Technology)
📍 Remote
· **Certificate**

2020 ● Data analysis for Genomics
HARVARDx
📍 Remote
· Professional Program
· **Certificate**

2020 ● High-dimensional data analysis
HARVARDx
📍 Remote
· **Certificate**

2020 ● Statistical Inference and Modeling for High Performance Experiments
HARVARDx
📍 Remote
· **Certificate**

2020 ● Introduction to Bioconductor
HARVARDx
📍 Remote
· **Certificate**

2020 ● Case studies in functional genomics
HARVARDx
📍 Remote
· **Certificate**

2020 ● Advanced Bioconductor
HARVARDx
📍 Remote
· **Certificate**

2019 ● Statistical analysis in bioinformatics
USMx (University System of Maryland)
📍 Remote
· **Certificate**