

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
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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
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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



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

*This resume was made with the R package **pagedown** and **datadrivencv**.*

Code available on [GitHub](#).

Last updated on 2022-08-26. The most recent version of this resume is available [here](#).



COURSES

2022	● Probability - The Science of Uncertainty and Data MITx (Massachusetts Institute of Technology)	📍 Remote
2021	● Introduction to Computer Science and Programming Using Python MITx (Massachusetts Institute of Technology)	📍 Remote
2020	● Data analysis for Genomics HARVARDx · Professional Program	📍 Remote
2020	● Analysis of high-dimensional data HARVARDx	📍 Remote
2020	● Statistical Inference and Modeling for High Performance Experiments HARVARDx	📍 Remote
2019	● Statistical analysis in bioinformatics USMx (University System of Maryland)	📍 Remote

Selected activities:

PROGRAMMING SKILLS

 R

 tidyverse

 RMarkdown / Quarto

 GitHub

 Bioconductor

 HPC

 Python

 Linux