





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 

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