

Dr. Leonardo Ramirez-Lopez



Industry Scientist

St. Gallen, Switzerland

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Education

MSc in Business Analytics (with Distinction)

United Kingdom

Imperial College London – Business School

2023–2025

Postdoc

Switzerland

ETH Zürich

2013–2015

Dr. rer. nat. (magna cum laude)

Germany

Eberhard Karls Universität Tübingen

2009–2013

MSc in Agronomy (Soil Science and Plant Nutrition)

Brazil

University of São Paulo

2007–2009

Work experience

Head of Data Science

Switzerland

Data Science Department, BUCHI Labortechnik AG

2020–Present

Data Analytics Manager, NIR

Switzerland

Department of Near Infrared (NIR) Spectroscopy, BUCHI Labortechnik AG

2016–2020

NIR Software Specialist

Switzerland

Department of Near Infrared (NIR) Spectroscopy, BUCHI Labortechnik AG

2014–2016

Postdoctoral Researcher

Switzerland

ETH Zürich / Swiss Federal Institute for Forest, Snow and Landscape Research (WSL)

2013–2015

Associate Scientist

Germany

Department of Geosciences, Eberhard Karls Universität Tübingen

2014

Researcher

Belgium

Georges Lemaître Centre for Earth and Climate Research, Université Catholique de Louvain

2011–2012

Plant Breeding Manager

Colombia

Palmar del Llano (Oil Palm Plantation)

2007

Research Intern

Colombia

Colombian Research Centre for Oil Palm (Cenipalma)

2006

Professional engagement

FAO Global Soil Partnership

Member of the soil spectroscopy steering committee of the FAO Global Soil Partnership, contributing to international coordination, standards, and capacity development in soil spectral analysis.

FAO Consultant Roster

Included on the FAO consultant roster for technical assignments, indicating eligibility for short-term expert engagements with the Food and Agriculture Organization of the United Nations.

Tech stack

For example...

R, Python, SQL, Julia, C++, machine learning frameworks, data visualisation tools, ...