https://skills.com

Skills

- Molecular biology techniques.
- Research & Development.
- Data Analysis and Visualization.
- Coding in R and Python.
- Databases: SQL.
- Web development: HTML5, CSS3, Javascript.
- Social media managment.
- Photography and video: production and edition.

https://experience.com

Experience

Agrarian Science Researcher
AGRARIAN SCIENCE RESEARCH INSTITUTE OF ROSARIO (IICAR-CONICET) - SINCE 2017

- Lab conditions: DNA/RNA/protein extractions, PCR, molecular markers, electrophoresis, spectroscopy, gene expression.
- Greenhouse and field conditions: crop production managment, phenotypic evaluation.
- Data analysis and visualization.
- Science communication: web development and social media managment.

Undergraduate teaching assistant
PHYSICAL CHEMISTRY - SCHOOL OF BIOCHEMITRY AND FARMACEUTICAL SCIENCE - NATIONAL UNIVERSITY OF ROSARIO - 2013 -2017

- Leaded and prepared laboratory sessions. Evaluated essays.

https://buildinginpublic.com

Projects

R Dataviz Cheatsheet webpage
- Developed a webpage with plots and R codes for selecting the appropriate chart type for your dataset.

Active stocks analysis
- Created a tool using Python that scrapes data from Yahoo Finance and analyzes it by using animated plots.

Biotechnologist and PhD Student in Crop Science. Data Viz lover. Web Dev apprentice. Highly motivated and collaborative. Always learning something!

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- Twitter: @melisadigiacomo
- Artwork: melisagallery

https://education.com

Education

Master in Biotechnology
SCHOOL OF BIOCHEMITRY AND FARMACEUTICAL SCIENCE - NATIONAL UNIVERSITY OF ROSARIO - 2010 - 2016

Thesis: "Micellar systems as a strategy for primary extraction of industrial proteases".
- Protein purification and enzyme kinectics.
- 1 scientific publication, 2 oral disertation, 7 congresses, 3 courses.

PhD in Agriscience
SCHOOL OF AGRARIAN SCIENCE - NATIONAL UNIVERSITY OF ROSARIO SINCE 2017

Thesis: "Transcriptomic approach of the genetic bases
for differential fruit quality in tomato near isogenic lines".
- Genetic plant breeding.
- 1 scientific publication, 3 oral disertations, 6 congresses, 17 courses.