MELISA DI GIACOMO

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

SKILLS

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

CONTACT

Rosario, Argentina

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ResearchGate: Melisa-Di-Giacomo

Portfolio: melisadigiacomo.codes

GitHub: melisadigiacomo

Twitter: @melisadigiacomo

Artwork: melisagallery

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.

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 Agroscience

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.