

# STEFANNY SALCIDUA

PhD. fellow. Trained in data science and bioengineering, organized, meticulous, with strong communication skills and the ability to work independently or as part of a team

♥ **Interests :** • Data Science • Deep Learning • Machine Learning • Bioinformatics • Genomics

## Education

- Adolfo Ibáñez University**  
2019 - . **PhD. Complex Systems Engineering**
- Adolfo Ibáñez University**  
2017 **Civil Engineering in Bioengineering**  
Titled first in my class
- Adolfo Ibáñez University**  
2013 - 2016 **Bachelor of Science in Engineering**

## Research experience

- 2020 - Present** **Latin American Brain Health Institute (BrainLat)**  
PhD. thesis  
Machine Learning for the early diagnosis and multimodal profile of Alzheimer's disease based on miRNA of circulating exomes.
- 2019** **Bioengineering Innovation Center - UAI**  
Research assistant  
Statistical and bioinformatic meta-analysis of genes that contribute to beneficial functions for plants in growth-promoting rhizobacteria.
- 2017** **Bioengineering Innovation Center - UAI**  
Professional Practice  
Analysis of the yield and effects of microorganisms on the growth of a model plant.

## Work experience

- IDC**  
2021 - Present **Data Science**  
Data science support in consulting projects. Support releasing information and trackers.
- ICALMA - KMA Real Estate**  
2017 - 2019 **Head of Operations Control**  
Responsible for the operational continuity of the sales promise process and the operating system.
- Adolfo Ibáñez University**  
2014 - 2020 **Assistant Professor**  
Mathematics, computer science and engineering subjects.
- Deloitte**  
2014 **Practice, HR Assistant**  
Support in human resources activities. Preparation of inductions. Restructuring of the audiovisual presentation of inductions.

## Skills

### IT

Excel	<div style="width: 80%;"></div>
R	<div style="width: 80%;"></div>
Python	<div style="width: 80%;"></div>
PowerBI	<div style="width: 80%;"></div>
Matlab	<div style="width: 80%;"></div>
SQL	<div style="width: 80%;"></div>
Galaxy	<div style="width: 80%;"></div>

### Languages

Inglés (S&W)	<div style="width: 80%;"></div>
Inglés (L&R)	<div style="width: 100%;"></div>
Spanish	<div style="width: 100%;"></div>

## Courses and certifications

- Advance Bioinformatics, Microarray and NGS-miRNA Seq Data Analysis
- First aid and CPR
- Machine Learning and Microbiome
- Data Science Specialization (ongoing)
- CRISPR (ongoing)
- General astronomy

## Volunteering

### Ingeniosas

2020 - present | Exploration Initiative for Girls in STEAM

### Municipality of Las Condes

2014 - 2017 | Science tutor

## Achievements

### 2017-Living Smart Packaging

UAI + D Prototypes 2.0 Contest Semifinalist

### 2014-Ping-pong door

Award for the Best UAI Entrepreneurship Project

## Contact

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