

Franklin Santos

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EDUCATION

Central Bolivian American (CBA) <i>Diploma of Proficiency in English Advanced English</i>	La Paz, BO Mar 2022
Duke University <i>Statistics with R Coursera Specialization</i>	Online Dec 2020
Wageningen University & Research <i>Animal Breeding and Genetics edX Professional Certificate</i>	Online Oct 2020
Johns Hopkins University <i>Data Science Coursera Specialization</i>	Online Sep 2020
Public University of El Alto <i>BSc, Agricultural Engineer</i>	El Alto, BO Oct 2017
<ul style="list-style-type: none">• Best student in the 5th year of the Agricultural Engineering degree.• Assistant teacher of Mathematical Analysis II, Bio-Statistics, and Experimental Design during the academic years 2012, 2013, 2014, 2015, and 2016.	

SKILLS AND INTERESTS

Computer:	Proficient in programming with R and Python
Languages:	English (advanced), Spanish (native), Aimara (native)
Interests:	Taking photographs of nature, volleyball, and basketball

PUBLICATIONS

- Santos F. & Marza F.** 2020. Fenotipado de pastos nativos en condiciones agroecológicas del Valle Alto de Cochabamba. Scielo preprint. DOI: <https://doi.org/10.1590/SciELOPreprints.735>
- Santos F. & Marza F.** 2020. Selection of forage oat genotypes through GGE Biplot and BLUP. bioRxiv. DOI: <https://doi.org/10.1101/2020.03.10.986422>
- Santos F. & Marza F.** 2018. Selección de genotipos de trigo harinero de alta productividad y características de rendimiento en condiciones edafoclimáticas del altiplano boliviano. Rev. investig. agropecu. for. boliv. 5(11): 1-10. Available: https://www.researchgate.net/profile/Franklin_Santos6
- Santos F. & Marza F.** 2018. Evaluación de 14 especies nativas de pastos altoandinos de Bolivia. Rev. investig. agropecu. for. boliv. 5(11). Available: https://www.researchgate.net/profile/Franklin_Santos6
- Santos F., Marza F., Butrón R. & Quispe F.** 2015. Correlación y coeficientes de sendero para variables agronómicas y componentes de rendimiento de trigo harinero. Revista Científica de Investigación-infoINIAF. 1(6): 54-60. Available: https://www.researchgate.net/profile/Franklin_Santos6

EXPERIENCE

National Institute of Agricultural and Forestry Innovation (INIAF) <i>Livestock Project Extension Technician</i>	Cochabamba, BO April 2022 - Dec 2022
<ul style="list-style-type: none">• Technology transfer• Research on tropical pastures• Technical training and assistance	
National Institute of Agricultural and Forestry Innovation (INIAF) <i>Technician in livestock and forage research</i>	La Paz, BO Jan 2018-June 2020
<ul style="list-style-type: none">• Implemented and evaluated research works on forages, quinoa, wheat, potato, and minor tubers.• Wrote and published three (3) scientific articles about forages.• Organized and directed training events, field demonstration days, and technology transfers to approximately 500 attendees, including farmers, students, and technicians.	
Autonomous Municipal Government of Villa Libertad Licoma <i>Director of Productive Development and Environmental</i>	La Paz, BO June 2016 - Dec 2017
<ul style="list-style-type: none">• Developed two productive projects and secured funding of Bs. 8,000,000 for both projects.• Supervised three (3) environment-related projects, beekeeping, and constructing a forestry nursery.• Conducted five (5) training events related to the improvement of beekeeping production, pest control in potato and fruit trees, and animal health management of cattle.	
National Institute of Agricultural and Forestry Innovation (INIAF) <i>Technical Activities Collaborator</i>	Cochabamba, BO Aug 2015-May 2016

- Implemented and evaluated research works on wheat.
- Analyzed databases related to agronomic management, tolerance to adverse factors, and genetic improvement.
- Wrote and published a scientific article on wheat.

National Institute of Statistics (INE)

Municipal Census Chief

La Paz, BO

Aug 2013 - Dec 2013

- Trained 50 people to carry out the first agricultural and livestock census in the municipality of Inquisivi.
- Supervised the entire process of the first agricultural and livestock census, covering approximately 10,000 productive units.

RECOGNITIONS / SCHOLARSHIP / PEER REVIEW

1st Virtual Scientific Fair “Expo Agro 2020”	2020
First, second, and third place in the scientific research category	
2nd Interuniversity Scientific Conference	2016
First place in the field of Agricultural Science	
100% Scholarship “Bolivia C Capacita”	2020
Training courses and skills strengthening through Coursera	
<i>Journal of Experimental Agriculture International</i>	2022
<i>Plant Cell Biotechnology and Molecular Biology</i>	2020 - 2022
<i>Asian Plant Research Journal</i>	2021
<i>Journal of Global Ecology and Environment</i>	2020
<i>Journal of Scientific Research and Reports</i>	2020
<i>International Journal of Environment and Climate Change</i>	2020 - 2021
<i>Journal of Geography, Environment and Earth Science International</i>	2020

COMPLEMENTARY COURSES

Brazilian Agricultural Research Corporation (EMBRAPA)	2022
<i>Recovery of Degraded Pastures</i>	
Inter-American Development Bank	2020
<i>IDB10x: Data for the effectiveness of public policies</i>	
Inter-American Development Bank	2020
<i>IDB13x: AGRIMONITOR: Agricultural policy, food security, and climate change</i>	
Pontifical Catholic University of Chile	2020
<i>Technology transfer: from research to market</i>	
Pontifical Catholic University of Chile	2020
<i>Introduction to Data Mining</i>	
Autonomous University of Barcelona	2020
<i>Big Data: the impact of massive data on today's society</i>	
Facebook	2020
<i>Social Media Management</i>	
Air Services Bolivia e Irrikulture	2020
<i>Drone photogrammetry for irrigation systems</i>	
Certified Publons Academy	2020
<i>Peer reviewer</i>	
International Professional Update School GAP-Network and IAB	2020
<i>Scientific Writing</i>	

SOFTWARES

Autonomous University of Barcelona
<i>Digital skills. Office automation tools (Microsoft Word, Excel, PowerPoint)</i>
Public University of El Alto
<i>R, PYTHON, SAS, S-PLUS, SPSS, ARGIS, QGIS.</i>