

JORGE ANAIS VILCHEZ

CONTACT

E-mail jrganais@gmail.com

Página web www.jorgeanaais.cl

EXPERIENCE

Data Science 2021 - 2022
AWTO | Santiago de Chile

- Among the responsibilities performed are information reporting, creating and maintaining dashboards, data processing, and modeling client behavior.

Observer 2016 - 2020
Las Campanas Observatory | Atacama, Chile

- Responsible for conducting scientific observations, including the operation of the Swope telescope and data acquisition.

EDUCATION

Doctorate in Astrophysics and Astroinformatics 2022 - (2025)
Universidad de Antofagasta | Antofagasta, Chile

- Topic: "Characterization of Sagittarius dwarf galaxy at low Galactic latitudes"

Master in Astronomy 2018 - 2020
Universidad de Antofagasta | Antofagasta, Chile

- Graduated with the highest distinction
- Thesis: "Search and characterization of star clusters in the far end of the Galactic bar"

Licenciado en Astronomía 2008 - 2014
Pontificia Universidad Católica de Chile | Santiago, Chile

- Thesis: "A new astrometric software for the Swope Telescope"

FURTHER STUDIES

Diplomature in Data Science 2021
Universidad del Desarrollo | Santiago, Chile

La Serena School for Data Science: Applied Tools for Data-driven Sciences 2019
AURA | La Serena, Chile

Diplomature in Software Development 2018
Duoc UC | Santiago, Chile

Diplomature in Astroingeniering 2016
Universidad de Antofagasta | Antofagasta, Chile

SKILLS

Software

Proficient in developing data analysis, reduction, visualization and processing using Python and its main associated modules in both scientific and industrial contexts. Other technologies I have used include Git, Bash, PostgreSQL, Docker, among others. My Github repo: <https://github.com/jorgeanaïs>

Languages

- Spanish (native)
- English (professional competence)

CONFERENCES

Pycon Chile 2021

2021

Búsqueda de cúmulos estelares usando aprendizaje de máquinas no supervisado
| Online (<https://pycon.cl/2021/>)

LARIM 2019: XVI Latin American Regional IAU Meeting

2019

Antofagasta, Chile

Star Form Mapper 2019 Conference

2019

Massive Open clusters in VVV data using unsupervised clustering algorithms |
York, Reino Unido

PUBLICATIONS

Check at ADS:

<https://ui.adsabs.harvard.edu/public-libraries/veXcb7VPROqU0r03axnXkg>

December 28, 2022 • Santiago, Chile
Short CV from my personal webpage