

Simón Pedro González

Curriculum Vitae

CONTACT INFORMATION

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EDUCATIONAL EXPERIENCE

- August 2024 - present **University of Utah**, Salt Lake City, Utah.
Master of Science in Artificial Intelligence .
- March 2016 - December 2022 **National University of San Juan**, San Juan, Argentina.
Bachelor of Science in Computer Science . 5-year program.

HONORS AND AWARDS

- July 2023 **Fulbright scholarship** to pursue a master's degree in the United States.

PROFESSIONAL EXPERIENCE

- Bridgenext** (formerly Folcode), San Juan, Argentina.
Digital Consultancy and Web-based Digital Product Factory.
- August 2020 - July 2024 **Technical Leader and Software Architect**
- May 2021 - July 2022 **Staff Engineer**
- December 2019 - August 2020 **Back-End Developer**.

RESEARCH EXPERIENCE

Institute of Informatics, National University of San Juan, San Juan, Argentina.

- March 2019 - July 2024 **Research Assistant**
- Designed, developed, documented and maintained open-source scientific software for star cluster data analysis.
 - Analyzed data from local educational and quality-of-life surveys using unsupervised learning techniques.

SELECTED PUBLICATIONS

- González, S. P., Herrera M. & Ruiz, S. (2023). *SCLUDAM: Software for Astrometric Membership Probability Calculation in Star Clusters*. Revista de Matemática Aplicada, Computacional e Industrial MACI, 9. ISSN 2314-3282.
- González, S. P., Herrera M. & Romagnano, M. (2021). *Quality of Life Analysis of San Juan's Population Applying Data Science*. Anales del Simposio Argentino de Grandes Datos, 50, 108 - 118. ISSN 2683-8966.
- Alejo, A. D., González, J. F. & González, S. P. (2020). *Stellar cluster membership study using Gaia DR2*. Cuaderno de Resúmenes de la Asociación Argentina de Astronomía, 62, 64-65.