# Nicolas Arias Garcia

Researcher, creative, visionary, versatile

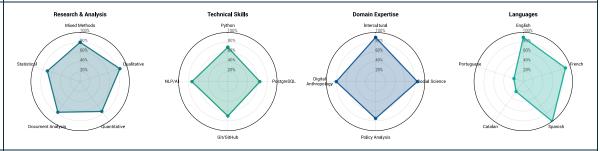
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#### **PROFILE**

Anthropology researcher specializing in the integration of numerical methods in the field of social science research. Expert in the development of Al-assisted research tools, combining a systems approach and data analysis to study complex social issues.

#### **EXPERTISE**



#### RESEARCH PROJECTS

Document analysis of the Office de consultation publique de Montréal's Commission on Systemic Racism and Discrimination

https://github.com/9scorp4/labrri ocpm systemic racism

- Designed automated pipelines for processing public consultation documents
- Implemented multilingual analysis capabilities (FR/EN)
- Created visualization tools for research findings
- Technologies: Python, PostgreSQL, ML/NLP
- Impact: Supported evidence-based policy mapping and assessment

#### InsightForgeMTL - API for Divulgation of Research Results

Private and still developing directory

- Developed RESTful API service for processing multilingual social research data
- Implemented advanced text analysis pipelines using Python and AI
- Created comprehensive documentation and testing protocols
- Technologies: FastAPI, PostgreSQL, Python, NLP
- Impact: Enabled systematic analysis of public consultation data.

#### PROFESSIONAL EXPERIENCE

#### **Research Professional**

- Institut de recherche Robert-Sauvé en santé et sécurité au travail (IRSST) | 2020, 2022, 2024
- Montreal Memory Centre | 2022
- Laboratory for Research in Intercultural Relations (LABRRI) | 2021
  - Article: https://doi.org/10.1080/13537113.2023.2193282
- Research Chair in Intercultural Relations and Management Technologies in a Pluralistic Context | 2021

### Support and expertise in research technologies

- Freelance AI Training
  - Alignerr (2023-)
    - Generalist model evaluation
    - Data annotation
  - o Appen (2024-)
    - Data annotation
    - French model evaluation
  - Oneforma (2024-)
    - Data annotation
  - Outlier (2024-)
    - Spanish model evaluation
  - Linguistic revitalization of the Tehuelche language (Patagonia) | 2018
    - o Talking dictionary: <a href="https://livingdictionaries.app/80CcDQ4DRyiYSPIWZ9Hy/contributors">https://livingdictionaries.app/80CcDQ4DRyiYSPIWZ9Hy/contributors</a>

#### FORMATION

M.Sc. Anthropology | University of Montreal | 2024 (ongoing)

**B.Sc. Anthropology** | University of Montreal | 2019

## AFFILIATIONS AND DISTINCTIONS

#### Student member of...

- Intercultural Relations Research Laboratory (LABRRI)
- Culture-Arts-Societies Research Centre (CELAT)

#### Scholarships

- LABRRI Fellowship for Research on Municipal Integration Policies | 2022
- Wilrose Desrosiers and Pauline Dunn Fund Scholarship | 2022
- Refugee Student Support Scholarship | 2021
- Financial Support Scholarship | 2021