

# Moises Dante Coronel

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## WORK EXPERIENCE

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### XRI Global Inc.

November 2024 - May 2025

#### *Graduate level Intern*

- Identified, accessed, and preprocessed diverse NLP datasets (ASR, NMT, TTS, LLM) from Hugging Face, Common Voice, and open-source archives to support multilingual and multimodal AI model development.
- Designed and refined comprehensive data schemas accommodating multiple data types and formats, integrating feedback from cross-functional teams to meet evolving project requirements.
- Contributed to the planning and execution of a data-driven tool development project, independently managing deliverables within an agile framework and meeting critical deadlines.
- Collaborated with team members to research and propose schema improvements, enhancing model input compatibility and optimizing downstream processing workflows.
- Documented project progress, schema decisions, and data preparation pipelines to ensure transparency and reproducibility for future development cycles.
- Strengthened project management and technical skills through hands-on work in real-world NLP systems, aligning academic knowledge with industry standards in AI and machine learning.

### Child & Family Resources Inc.

May 2024 - January 2025

#### *Family Connections/Nurturing Parenting Program Supervisor*

*Bullhead City, AZ*

- Directed Family Connections/Nurturing Parenting Program, utilizing data-driven strategies to optimize family engagement and program outcomes.
- Conducted staff workshops on data literacy and effective communication techniques, enhancing team capabilities.
- Led and supervised a team to ensure fidelity to program model, overseeing hiring, training, and performance evaluations.
- Acted as a liaison between program staff, families, and external stakeholders, ensuring effective communication and addressing concerns.
- Managed program logistics, including procurement and compliance, while maintaining positive relationships with funders and collaborators.
- Collaborated with Program Director on program development, community outreach, and professional development, adhering to agency policies and health safety protocols.

**Child & Family Resources Inc.****June 2021 - May 2024***Family Connections Consultant/Nurturing Parenting Practitioner**Bullhead City, AZ*

- Spearheaded program designs to foster family engagement and commitment, employing Motivational Interviewing techniques for empowerment.
- Coordinated diverse appointments with families and stakeholders, conducting intake procedures and comprehensive client evaluations, including home visits and needs assessments.
- Executed evidence-based family assessments, tailoring intervention plans to identified strengths and growth areas.
- Cultivated relationships with community agencies and partners to disseminate program information and access resources for families.
- Maintained meticulous case records and data systems, analyzing data and producing reports for dissemination.
- Delivered weekly progress reports detailing family interactions and goal achievement, presenting program functionalities with emotional intelligence and trauma-informed practices.

**Diamondback School****July 2019 – October 2020***Third Grade Teacher**Bullhead City, AZ*

- Independently managed an interactive classroom, leveraging diverse tools and strategies
- Developed and implemented data-driven intervention plans for struggling students
- Cultivated relationships with families through various communication channels
- Tailored instruction to diverse learner needs, employing data analysis techniques to inform decisions
- Collaborated with colleagues to enhance and refine the 3rd grade curriculum

**Colegio Liceo Consul (Charter School)****August 2018 – May 2019***English Language Assistant**Madrid, Spain*

- Developed and delivered 16 hours of English instruction weekly to Spanish elementary and middle school students.
- Prepared students for Cambridge English proficiency exams with assignment schedules, course materials, and enriching activities.
- Engaged students through lectures, debates, and discussions on cultural similarities, and communicated student progress with relevant personnel.

**Mohave Accelerated Learning Center****July 2017 – May 2018***Special Education Assistant, Speech Department**Bullhead City, AZ*

- Support speech-language pathologists in client assessments, treatments, and data collection.
- Document client progress and program effectiveness.

## EDUCATION

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### University of Arizona

August 2023 - Present

*MS in Human Language Technology*

*Tucson, AZ*

- Major coursework in Natural Language Processing, Statistics with NLP, Syntax, Human Language Technology, as well as Data Analysis.

### University of Alcalá

June, 2019

*MA in Teaching*

*Alcalá de Henares, Spain*

- Major coursework in Teaching Methodologies, Cross Cultural Communication, Inclusive and Diverse Curriculum Design and Development, Distance Learning, and Assessment Analysis and Application.

### University of Arizona

May, 2016

*BA in Linguistics, minor in Communication*

*Tucson, AZ*

- Major coursework in Applied Linguistics, Phonetics, Phonology, Public Relations, Argumentation, as well as Data Gathering and Analysis.

## SKILLS

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- Leadership, Personnel Management, Training Coordination, Compliance Management, Data Management, Case Management, Professional Development

## CERTIFICATIONS

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- Validates Driver's License and car insurance
- Level-1 Fingerprint Clearance card