

# DAVO ACEVEDO-CARDONA

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## PROFILE SUMMARY

**AI/ML Engineer** with an M.S. in Human Language Technology and a B.S. in Electrical Engineering. Strong background in **machine learning, large-scale data processing, and behavioral/biomedical data analysis**. Experienced in developing end-to-end analytical pipelines using Python and R, applying statistical and ML techniques to large, complex datasets, and translating results for both technical and non-technical stakeholders. Seeking full-time roles related to Artificial Intelligence / Machine Learning or Data Analytics where analytical rigor, problem-solving, and collaboration drive real-world impact.

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## SKILLS

- **Programming:** Python, R, MATLAB, SQL, Perl, Prolog.
  - **ML & NLP:** scikit-learn, spaCy, Transformers, PyTorch, TensorFlow.
  - **Data & Systems:** Snowflake, Firebase, AWS, Linux/Bash, Git/GitHub.
  - **Tools & Research:** PsychoPy, EEGLAB, EyeLink.
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## EDUCATION

- University of Arizona, College of Social & Behavioral Sciences**, Tucson, AZ 05/2026  
Master of Science in Human Language Technology (Expected Spring 2026) *GPA: 4.0*
- Instituto Caro y Cuervo, Colombia**, Bogotá, Colombia 10/2023  
Corpus and Computational Linguistics Diploma
- Universidad Tecnológica De Pereira, Facultad de Ingenierías**, Pereira, Colombia 11/2022  
Bachelor of Science in Electrical Engineering
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## PROFESSIONAL EXPERIENCE

- NLP & Data Science Intern** 10/2025 – 03/2026  
[Goods Unite Us](#), Inc., Madison, WI
- Built Python-based pipelines to process and analyze **large-scale structured and unstructured datasets (SEC, FEC)**.
  - Applied NLP techniques for **entity extraction, normalization, and data quality improvement**.
  - Queried and managed data using **Snowflake and Firebase**; automated workflows in **Linux/Bash environments**.
- Graduate Associate in Teaching** 08/2024 – Present  
University of Arizona – [Department of Spanish & Portuguese](#)
- Designed and delivered undergraduate instruction integrating data-driven and corpus-based approaches.
  - Translated complex technical and linguistic concepts into clear, accessible explanations.
- Graduate Research Assistant** 08/2022 – Present  
University of Arizona – [College of Social and Behavioral Sciences](#)
- Built **multilingual annotated corpora (10,000+ samples)** and automated preprocessing pipelines in Python and R.
  - Conducted **statistical modeling and machine learning analysis** for linguistic and behavioral datasets.
  - Developed tools for **morphosyntactic annotation and feature extraction**.
- Chief Technology Officer (CTO)** 01/2023 – 08/2024  
[KosmosTIC](#), Manizales, Colombia
- Managed **VoIP infrastructure and database servers** supporting organizational operations.
  - Implemented automated monitoring systems, improving **servers reliability and performance**.
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## ACADEMIC PROJECTS

- Psycholinguistics & Behavioral Experiments: Pupillometry & Self-Paced Listening Experiments** 10/2025 – Present  
University of Arizona
- Developed PsychoPy and Experiment Builder experiments with **millisecond-precision timing and response logging**.
  - Designed reproducible workflows for **behavioral data collection and analysis**.
  - Processed datasets for **mixed-effects statistical modeling and experimental evaluation**.
- EEG Biomarker Analysis for Social Cognition** 08/2021 – 08/2022  
Universidad Tecnológica de Pereira
- Built EEG preprocessing pipeline using **MATLAB and EEGLAB (filtering, ICA, BSS)**.
  - Trained and evaluated ML models (**KNN, Random Forest, Neural Networks**) for classification.
  - Improved signal quality to support **biomarker discovery and downstream analysis**.
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## ADDITIONAL

Languages: Spanish (Native), English (C1).  
Certification: IBM Data Science Professional Certificate.