SYDNEY PITIGOI-ARON

(408)-763-0449 | San Jose, CA
sydneypitigoiaron@gmail.com | www.linkedin.com/in/sydneypitigoiaron

EDUCATION

University of Georgia, Morehead Honors College, Athens, GA — Expected: May 2028
Bachelor of Computer Science, B.S. — GPA: 4.00/4.00
Bachelor of Linguistics, A.B.
Spanish Minor

RELEVANT EXPERIENCE

Prometric, Remote — June 2026 - August 2026
Assessment Development Intern
- Analyzed post-field-test psychometric data to identify item flaws and validate content integrity prior to production.
- Pitched a 3-pillar growth strategy to executive leadership spanning revenue, brand reach, and platform accessibility, earning Capstone Champion among 20 interns.
- Structured and standardized audio/media scripts, improving consistency and streamlining production workflows across assessment content.

The Home Depot, Remote — September 2026 - Present
Legal/AI Extern
- Evaluated AI and emerging technology systems against state biometric and surveillance regulations, turning complex legal frameworks into technical requirements and engineering constraints.
- Assessed privacy compliance and formulated risk-mitigation recommendations for large-scale data architectures.
- Researched automated decision-making and algorithmic governance models, turning regulatory compliance standards into technical design documentation.

Endangered Languages In Contact, Athens, GA — January 2026 - Present
Research Assistant
- Aligned and corrected transcriptions of Istro-Romanian interview recordings using TextGrids, improving accuracy of speech data used in linguistic research on an endangered language.
- Used Praat to segment and annotate audio, supporting acoustic analysis of speech data.

Roku, San Jose, CA — December 2024 - July 2025
Software Engineer Intern
- Designed and built an educational video game in SceneGraph with a team, translating research and learning goals into a user-facing application.
- Documented project progress, decisions, and development milestones and presented the proposal and finished application to Roku representatives.

DATA & ANALYTICS PROJECTS/TRAINING

PwC x AI Society at Terry, Athens, GA — October 2026 - November 2026
Cafe Forecasting Case Competition
- Built a scenario-based demand forecasting model for a 20-café network, combining seasonal demand indices, day-of-week patterns and local-event adjustments to estimate daily sales, transactions, and coffee needs.
- Ran sensitivity analysis on key assumptions (traffic ±15%, ticket size, coffee per transaction), showing coffee demand could range from roughly 20% below to 38% above baseline, and ranked the assumptions by risk.
- Recommended a unified demand planning framework across DTC subscription, café, and wholesale channels to improve production planning, reduce avoidable waste, and strengthen customer retention, presenting to PwC professionals as part of a team of 6.

DeepLearning.AI, San Jose, CA — June 2026
Natural Language Processing with Classification and Vector Spaces
- Built and evaluated a binary classifier for text data using Logistic Regression, mapping raw text tokens into numerical feature vectors based on positive and negative word frequencies.
- Utilized Python to construct and visualize word frequency matrices and multi-dimensional feature spaces, translating qualitative text data into structured inputs for machine learning algorithms.

SKILLS & INTERESTS

Analytics & Research: Quantitative research, data analysis, data visualization, QA, report development, presentations
Technical: Python, R, JavaScript, Java, SQL, HTML/CSS, Praat, Git
Language: Spanish (Professional Working Proficiency)