Nathan A. Maldonado

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EDUCATION

Duke University, Durham, NC | *B.A. in Computer Science, Linguistics, and Psychology*   **Expected May 2026**
- **Overall GPA: 3.7**
- **University Scholar:** Full-ride merit scholarship funded by the Gates Foundation at Duke University;
- **SPIRE Fellow:** Fellowship for high-achieving minority students in STEM;
- **Huang Fellow:** Fellowship integrating ethics, policy, and social implications into scientific research;
- **SOL Fellow Awardee:** A national leadership program with a focus in implementing systemic political change.

Clovis North High School, Fresno, CA   **Aug 2018 - Jun 2022**
- *Honors/Awards:* Valedictorian, State Seal of Biliteracy: Spanish and French, Lifetime Perfect Attendance

WORK EXPERIENCE AND PROJECTS

Magnet Media, *Business Development and Technology Intern*, New York, NY   **May 2025 - Present**
- Led data-driven market research for Tech and Financial Service clients, informing outreach strategies
- Collaborated cross-functionally with marketing and creative teams to align brand and strategy positioning
- Researched applications of AI in sales enablement, contributing insights on emerging tools and automation trends

Statistical Analysis System (SAS), *Consumer Sentiment Analysis*, Durham, NC   **Jan 2024 - May 2024**
- Analyzed over 30,000 store reviews to identify customer sentiment, geographic patterns, and temporal trends
- Collaborated on data-driven investigation into McDonald's location, service, and food strategies (SAS Viya)
- Presented corporate and business strategies to SAS's Natural Language Processing product team

Duke University, *Huang Research Fellow*, Durham, NC   **May 2023 - Aug 2023**
- Investigated the relationship between corpus adjustments and bias production in artificially generated text
- Partnered with field specialists to identify the generative limitations of chatbots in creative disciplines
- Attempted solution designs for expanding corpora for low-resource languages, including K'iche' Maya

Duke University Basketball, *Home Court Advantage Investigation*, Durham, NC   **Jan 2023 - May 2023**
- Managed statistical inference, data combing and wrangling, and visualization measures under mentor oversight
- Led data scraping procedures (Python) to organize free throw ratings, percentages, and location to identify bias
- Conducted t-testing and other statistical methods (Pandas) to frame data-driven support for hypothesis testing

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Tulane Mayan Language Institute, *Undergraduate Fellow*, Quetzaltenango, Guatemala   **May 2024 - Aug 2024**
- Researched native Guatemalan histories in K'iche' Maya to service broader indigenous revival efforts
- Engaged with local scholars and representatives to discern issues regarding language identity and prosperity

Mi Gente: Duke Center for Multicultural Affairs, *Undergraduate Ambassador*, Durham, NC   **Jan 2023 - Present**
- Designated mentor for the incoming first-year class of Latino students at Duke University for the past two years
- Served on several committees and executive boards, including Programming, Publicity, and Community Interactions/Alumni Affairs

Bull City Scholars, *Academic Representative*, Durham, NC   **Jan 2023 - Present**
- Volunteer as a Spanish translator (ESL) at Neal Magnet Middle School for mathematics courses
- Personalized adaptive teaching strategies to meet the needs of underserved student groups

SKILLS & INTERESTS

Technical Skills: Python (Pandas, NumPy, matplotlib), Java, C++, Front-End (JS/HTML/CSS), SAS Viya, Excel
Data Science: Data wrangling, statistical testing (t-tests, ANOVA), data scraping, sentiment analysis, data visualization
Languages: Spanish (Fluent), French (Conversational), K'iche' Maya (Conversational)
Interests: AI Ethics, Digital Accessibility, Psychological Thrillers, Student Activism, Camping

REFERENCES

Mary Osborne, Senior Product Manager of Natural Language Processing at SAS (mary.osborne@sas.com)
Victoria Lodewick, Director, University Scholars Program at Duke University (victoria.lodewick@duke.edu)