

# Nathan A. Maldonado

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## EDUCATION

**Duke University**, Durham, NC | *B.A. in Linguistics, Computer Science, and Psychology* **Expected May 2026**

- **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 for students interested in implementing systemic political change.

**Clovis North High School**, Fresno, CA

**Aug 2018 - Jun 2022**

- *Honors/Awards:* Valedictorian, California Scholarship Federation, Lifetime Perfect Attendance, California State Seal of Biliteracy: Spanish and French

## WORK EXPERIENCE

**Duke University**, *Huang Research Fellow*, Durham, NC **May 2023 - Aug 2023**

- Investigated the relationship between corpus adjustments and bias production in artificially generated text
- Collaborated with field specialists to define the creative limitations of chatbots in creative arenas
- Attempted solution designs for expanding corpora for low-resource languages, including K'iche'

**Assistive Technology Project**, *Officer*, Fresno, CA

**Aug 2020 - Jun 2022**

- Engineered assistive technology with 3D printing designs for 10+ local students with special needs
- Devised mock designs for the critique of these special needs students to then be adapted
- Arranged weekly meetings with special needs students and design staff of 10+ members

**American Ambulance**, *Hackathon Coordinator*, Fresno, CA

**Mar 2021 - May 2021**

- Planned a Hackathon in Fresno region to streamline a COVID vaccine distribution system
- Oversaw communication with guest speakers and 5+ local businesses to host relevant seminars
- Facilitated communication and budgetary matters with American Ambulance and Precision Plastics as sponsors

## LEADERSHIP & PROFESSIONAL DEVELOPMENT

**American Red Cross**, *Representative*, Fresno, CA **Aug 2020 - Present**

- Organized emergency packages for local wildfire victims, primarily veterans
- Coordinated student participation in planned activities and attracted approximately 30 new members

**Bull City Scholars**, *Academic Volunteer*, Durham, NC

**Jan 2023 - Present**

- Served as a Spanish translator (ESL) at Neal Magnet Middle School for mathematics courses
- Personalized adaptive teaching strategies to meet the needs of students and to facilitate guidance

**International Humanitarian Law Campaign**, *Executive*, Fresno, CA

**Mar 2020 - Jun 2022**

- Educated approximately 350 students in matters relating to relevance of international humanitarian laws
- Managed social media account that reached 10k engagements and interactions from Fresno youth

## SKILLS & INTERESTS

Technical Skills: Microsoft Office Specialist, Front-End (HTML, CSS, JavaScript), Google Apps, Java, C++, Python

Languages: Fluent Proficiency in Spanish, Conversational French, Conversational K'iche'

Interests: Psychological Thrillers, Alternative Music, Activism, Knitting, Camping

## REFERENCES

Astrid Adele Giugni, Lecturing Fellow of English at Duke University ([astrid.giugni@duke.edu](mailto:astrid.giugni@duke.edu))

Victoria Lodewick, Director, University Scholars Program at Duke University ([victoria.lodewick@duke.edu](mailto:victoria.lodewick@duke.edu))