

Vanessa Nguyen

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PERSONAL STATEMENT

My experience as a teacher and service coordinator have made me a flexible and collaborative problem-solver with a passion for increasing educational accessibility and outcomes, especially in the area of language. To equip myself for this goal, I completed the master's program in human language technology at the University of Arizona. I can now implement NLP tools in Python to perform tokenization, normalization, and sequence labeling, using tools like regular expressions and statistical classifiers.

SKILLS

- Object-oriented programming in Python
- NLP techniques: text tokenization and normalization, token representation, sequence labeling, dependency parsing, regular expressions
- Machine learning approaches: Naive Bayes, Hidden Markov Models, logistic regression
- Tools: Docker, GitHub, Jupyter Notebook, Flask, UML
- Problem-solving, collaborative, adaptable
- Data entry, presentations, test-driven development
- Data collection, processing, analysis, and visualization

EDUCATION

UNIVERSITY OF ARIZONA

Master of Science, Human Language Technology

Expected May 2025

CALIFORNIA STATE UNIVERSITY, NORTHRIDGE (CSUN)

Master of Arts with Distinction, Secondary Curriculum and Instruction

GPA: 4.0

May 2022

CALIFORNIA STATE UNIVERSITY, NORTHRIDGE (CSUN)

Single Subject Clear Credential, Biology
Supplementary Authorization in Chemistry

GPA: 3.9

May 2021

UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)

Bachelor of Arts, Economics
Minor in Science Education

GPA: 3.3

June 2020

WORK EXPERIENCE

- Human Language Technology Intern, XRI Global Oct. 2024 – May 2025
 - Collected, processed, and assessed data available for low-resource languages.
 - Contributed to database summarizing statistics on available data for low-resource languages.

- **Consumer Service Coordinator, North Los Angeles County Regional Center** **Jan. 2024 – present**
 - Coordinated with vendors to provide and document services requested by consumers to close equity gaps.
- **Teacher, Robert Fulton College Preparatory School** **Aug. 2022 – June 2023**
 - Developed, adapted, and presented lessons to meet students at varying levels.
 - Recorded, organized, and analyzed data to assess student performance and provide feedback.
- **Teacher, Panorama High School** **Aug. 2021 – June 2022**
 - Collaborated with other teachers to develop curriculum, assessments, and other educational materials.
 - Implemented backwards design to identify desired outcomes before designing lesson plans to meet those goals.