

# Vanessa Nguyen

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## PERSONAL STATEMENT

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My experiences 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

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- 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

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### 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

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- 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.