

Peixi Xie

maxxie114@gmail.com
San Francisco, CA 94122

+1 (415) 364-8613
<https://www.linkedin.com/in/peixi-xie/>
<https://www.mxpersional.com/>
<https://github.com/maxxie114>

PROFILE

Computational linguist with experience in **LLM evaluation**, **AI-assisted text simplification**, multilingual NLP, and **linguistic data analysis**.

SKILLS

Computational Linguistics: Linguistic analysis, data annotation, annotation guidelines, **LLM evaluation**, text simplification, multilingual NLP

NLP & Machine Learning: spaCy, NLTK, PyTorch, scikit-learn, TensorFlow/Keras, LangChain, Google ADK

Programming & Data: Python, pandas, NumPy, SQL, JavaScript, Java

Tools: Git/GitHub, Docker, Linux, Flask

Languages: English, Mandarin Chinese, Cantonese; Spanish (intermediate)

RESEARCH & ACADEMIC EXPERIENCE

ECOLE Lab, San Francisco State University | Research Assistant | Sep 2024 – Present

AI-Assisted Text Simplification Research Project

- Investigate how large language models simplify complex texts and how AI-generated simplifications differ from human language processing in meaning, linguistic structure, and readability.
- Build Python-based NLP, evaluation, and data-analysis workflows to process source texts, examine model-generated simplifications, and identify recurring linguistic patterns.
- Apply corpus-based, experimental, and computational methods to evaluate simplification quality and support research documentation and project development.

San Francisco State University | Instructional Support Assistant | Sep 2025 – Dec 2025

- Supported introductory linguistics courses through classroom assistance, office hours, student Q&A, and assignment feedback.
- Evaluated assignments and exams using standardized rubrics and developed lightweight computational demonstrations to explain linguistic concepts.

University of California, Santa Cruz | Research Assistant | Sep 2022 – Jun 2023

- Built Python workflows for ultrasound-based speech research, automating experimental trials and synchronizing multimodal speech data.
- Used DeepLabCut and Articulate Assistant Advanced for CNN-based tongue-contour tracking from ultrasound video.
- Applied Whisper and LLM-assisted post-processing to streamline transcription, correction, and data labeling; presented the project at the UCSC Linguistics Undergraduate Research Conference.

PROJECTS

Dynamic Benchmarking of Large Language Models — M.A. Capstone

- Analyzed static, dynamic, and metalinguistic LLM evaluation methods, focusing on benchmark contamination, reasoning quality, and genuine language understanding.

Crypto Risk Analysis Agent — Production Agents Hackathon

Best Use of TRM Labs, 1st Place | GitHub: github.com/maxxie114/Automatic-Crypto-Risk-Analysis-Agent

- Built a tool-calling LLM agent that integrated structured API data and external sources to process noisy inputs, evaluate cryptocurrency risk signals, and generate interpretable user-facing summaries.

Additional AI Hackathon Awards: 2nd Place, REAL Agent Challenge, AGI Inc. x OpenAI x Lovable Hackathon; 1st Place, Frontegg Sponsor Prize, Self-Evolving Agents Hackathon.

EMPLOYMENT

QubeMC LLC | San Francisco, CA | Jun 2020 – Present

Full Stack Developer & Linux Server Administrator

- Develop and maintain customer-facing web applications, backend APIs, internal tools, and automation workflows for live hosting and software services.
- Administer Linux infrastructure, troubleshoot production issues, and improve system reliability while reducing repetitive operational work.

Episcopal Church of the Incarnation | San Francisco, CA | Aug 2024 – Present

Website Maintainer / Bilingual Content Workflow Support (Part-time)

- Maintain multiple WordPress websites through content publishing, bug fixes, UI updates, accessibility improvements, and bilingual English-Chinese content support.
- Build LLM-assisted translation and communication workflows using OpenAI Agent Builder, LangChain, and automation tools to support weekly publishing and outbound messaging.

EDUCATION

San Francisco State University | M.A. Linguistics, Computational Linguistics Concentration | Jun 2026 | GPA: 3.6

University of California, Santa Cruz | B.A. Linguistics | Jun 2024