



Alexandra Nguyen

Curriculum Vitae

Education

- 2021–Present **Ph.D. in Computer Science**, *University of California, Berkeley*, Berkeley, CA
Advisor: Prof. Mark Zhao
Focus: Natural Language Understanding and Statistical Learning
- 2018–2021 **B.Sc. in Computer Science and Mathematics**, *University of Washington*, Seattle, WA
Graduated Summa Cum Laude

Awards and Honors

- 2024 NSF Graduate Research Fellowship
- 2023 Outstanding Paper Award, ACL
- 2021 Valedictorian, College of Engineering, UW
- 2020 Goldwater Scholarship

Academic Research Experiences

- 2023–Present **Graduate Research Assistant**, *Berkeley NLP Group*, Berkeley, CA
Large Language Model evaluation and multimodal instruction tuning
- 2022 **Visiting Researcher**, *Allen Institute for AI*, Seattle, WA
Worked on symbolic reasoning integration in transformer models
- 2020–2021 **Undergraduate Researcher**, *UW NLP Lab*, Seattle, WA
Conducted experiments on few-shot text classification with distillation methods

Publications

- Nguyen, A., Zhao, M. *Fine-Tuning for Fairness: Debiasing LLMs with Counterfactuals*. ACL 2024.
- Nguyen, A., Lee, S. *Zero-shot Structured Prediction with Prompt Chaining*. EMNLP 2023.
- Nguyen, A. et al. *Efficient Text Classification Using Compact Student Models*. NAACL 2021.

Industry Experience

- Summer 2024 **Student Researcher**, *Google Research*, Mountain View, CA
Worked with the Responsible AI team on fairness metrics in LLMs
- 2022–2023 **Machine Learning Consultant**, *Datacode Inc.*, Remote
Designed prototype systems for textual similarity in legal document matching

Internship Experience

- Summer 2023 **AI Intern**, *Anthropic*, San Francisco, CA
Studied interpretability of self-attention in Claude models

Summer 2021 **Research Intern**, *Microsoft Research*, Redmond, WA
Worked on evaluation strategies for low-resource NLU benchmarks

Teaching Experience

- 2023 **Graduate Student Instructor**, *CS 288: Natural Language Processing*, UC Berkeley
Led discussions, designed assignments on transformers and BERT
- 2020–2021 **Teaching Assistant**, *CSE 446: Machine Learning*, University of Washington
Held office hours and tutorials for ML course

Speaker Experience

- 2024 Invited Talk: “Instruction-Tuning for Fairness,” Stanford NLP Seminar
- 2023 Panelist: “Future of AI in Society,” NeurIPS Workshop
- 2023 Talk: “Prompting Language Models for Structured Tasks,” UC Berkeley AI Seminar

Academic Service

- 2024 Reviewer: ACL, EMNLP, NeurIPS
- 2023 Session Chair: EMNLP 2023 - Representation Learning Track
- 2022–Present Member: Berkeley AI Ethics Working Group

DEI Panels and Activities

- 2024 Panelist: “Broadening Participation in AI,” ACM SIGAI DEI Series
- 2023 Organizer: “Women in NLP” meetup at ACL
- 2022–2023 Mentor: Berkeley AI4ALL Summer Program

News and Other Coverage

- 2024 Berkeley News: “PhD Student Wins NSF Fellowship for AI Fairness Research”
- 2023 TechCrunch: “Prompt Chaining Technique Shows Promise in LLM Tasks”
- 2021 UW News: “Valedictorian Alexandra Nguyen Graduates with Dual Honors”

Other Activities

- Languages English (native), Vietnamese (fluent), German (intermediate)
- Programming Python, C++, JavaScript, R, Bash
- Hobbies Trail running, classical piano, creative writing