LINDA LU
Curriculum Vitae
lindalu@cornell.cs.edu

EDUCATION

Ph.D., Computer Science   2023 - Present
  Institution: Cornell University
  Advisor: Karthik Sridharan
  Research Area: Theory of Machine Learning

B.S., Computer Science   2019-2023
  Institution: University of Pennsylvania
  Advisor: Ani Nenkova
  Research Area: Natural Language Processing

B.S., Economics   2019-2023
  Institution: University of Pennsylvania, Wharton School of Business

AWARDS

Cornell LinkedIn PhD Fellowship   2024-2025

Penn Engineering Littlejohn Undergraduate Research Scholar   2020

RESEARCH EXPERIENCE

Ph.D. Research
Year: 2023-Present
Institution: Cornell University
Advisor: Karthik Sridharan
Designing and analyzing new online learning algorithms for unlearning and learning algorithms with privacy guarantees

Undergraduate Researcher
Year: 2022-2023
Institution: University of Pennsylvania
Advisor: Vijay Kumar
Member of NSF IoT4Ag project developing online robot path-planning algorithms and object detection pipeline in order to efficiently identify and classify colorimetric sensors tracking plant health

Undergraduate Researcher
Year: 2020-2021
Institution: University of Pennsylvania
Advisor: Ani Nenkova
Developed innovative methods to identifying bias in training data in transformer-based language models for sentiment analysis

WORK EXPERIENCE

Software Engineering Intern
Year: May 2022 - Aug 2022
Company: Bloomberg LP

Redesigned and improved a multi-tiered customizable caching system for equity data, using C++, by integrating local and cloud-based storages into one simple interface to streamline developer workflow

Software Engineering Intern
Year: Jun 2021 - Aug 2021
Company: Fidelity Investments
Designed, implemented, and deployed a new interactive portfolio management application using R and SQL, which automated data management and comparison during portfolio construction, leading to increased efficiency and accuracy

PUBLICATIONS

System Aware Unlearning: Use Lesser, Forget Faster
Linda Lu, Ayush Sekhari, Karthik Sridharan
International Conference on Machine Learning (ICML) 2025

From Toxicity in Online Comments to Incivility in American News: Proceed with Caution
Anushree Hede, Oshin Agarwal, Linda Lu, Diana Mutz, Ani Nenkova
European Association of Computational Linguistics (EACL) 2021

TEACHING EXPERIENCE

Teaching Assistant
Institution: Cornell University
Course: Analysis of Algorithms
Semesters Taught: Fall 2023, Spring 2024, Fall 2024

Teaching Assistant
Institution: University of Pennsylvania, Wharton School of Business
Course: Scaling Operations in Technology Ventures
Semesters Taught: Spring 2023

Teaching Assistant
Institution: University of Pennsylvania
Course: Discrete Mathematics
Semesters Taught: Spring 2020, Summer 2020, Fall 2020, Spring 2021, Fall 2021, Spring 2022