

# Lily Chen

## Curriculum Vitae

### Education

9/21-06/25 **BS in Mathematics**, MIT.  
(Expected) **BS in Electrical Engineering and Computer Science**, MIT, GPA – 4.9/5.0.

### Research Interests

Natural Language Processing, Machine Learning, and Information Retrieval.

### Publications

Sebastian Joseph\*, **Lily Chen\***, Jan Trienes, Hannah Louisa Göke, Monika Coers, Wei Xu, Byron C Wallace, Junyi Jessy Li. FACTPICO: Factuality Evaluation for Plain Language Summarization of Medical Evidence. In Proceedings of the Conference of the Association for Computational Linguistics (ACL), 2024.

### Workshop Papers

Sarah Zhang\*, **Lily Chen\***, William Zhang. Analyzing Gender Accuracy and Gender Quality in Multilingual Machine Translation with Large Language Models. Accepted at Widening Natural Language Processing (WiNLP) Workshop at EMNLP, 2023.

### Industry Experience

- 6/22-8/22 **DRW Holdings, LLC**, *Quantitative Trading Intern*, Chicago, IL.
- Completed quantitative research project of Bayesian Skew Fitter for crypto options.
  - Researched and implemented proprietary options trading strategies, shadowed desks.
- 1/22-2/22 **Hudson River Trading**, *Crypto Tech Intern*, New York City.
- Built an optimal routing algorithm for pathfinding between crypto liquidity pools.
  - Researched DeFi technologies, helped build DEX (Decentralized Exchange) aggregator.

### Awards

- 2024 Two Sigma Undergraduate Scholarship  
2023 GFSD PhD Fellowship – Full tuition and \$20,000 stipend for 6 years  
2021 Coca Cola Scholarship

### Teaching

02/23-05/23 18.062: Mathematics for Computer Science, Teaching Assistant, MIT.

### Service

Reviewer: WiNLP Workshop at EMNLP