

Education

- Sept. 2022 – **University of Pennsylvania**, Philadelphia, PA, United States
Present **PhD in Computer and Information Science**, Advisor: *Andrew Head*
- May 2021 **Harvard University**, Cambridge, MA, United States
M.Eng. in Computational Science and Engineering, Advisor: *Elena L. Glassman*
- June 2019 **Xiamen University**, Xiamen, Fujian, China
B.Eng. in Material Science and Engineering, Advisor: *Yixi Zhuang & Ye Luo*

Selected Publications

- CHI 2024 **Ivie: Lightweight Anchored Explanations of Just-Generated Code**
Litao Yan, Alyssa Hwang, Zhiyuan Wu, Andrew Head. 2024.
ACM Conference on Human Factors in Computing Systems (in submission).
- UIST 2022 **Concept-Annotated Examples for Library Comparison**
Litao Yan, Miryung Kim, Björn Hartmann, Tianyi Zhang, Elena Glassman. 2022.
ACM Symposium on User Interface Software and Technology.
- CHI 2021 **Visualizing Examples of Deep Neural Networks at Scale**
Litao Yan, Elena L. Glassman, Tianyi Zhang. 2021.
ACM Conference on Human Factors in Computing Systems.

Work Experience

- 2021 – 2022 **Harvard University**, *Research Assistant*, Cambridge, MA, United States.
Project: Designed ParaLib, an interface for library comparison using concept-annotated code; validated its value through a user study.
- 2018 – 2019 **PZCNET (Xiamen) Ecommerce Co., Ltd.**, *Intern*, Xiamen, Fujian, China.
Project: UI for agricultural big data platform.
- Summer 2017 **CIB (China Industrial Bank) Fintech Co., Ltd.**, *Intern*, Shanghai, China.
Project: Integrated SSAE for stock feature extraction and COIF Wavelet denoising for noise reduction.

2016 – 2018 **GenGee Sport Co., Ltd.**, *Intern*, Xiamen, Fujian, China.
Project: Developed real-time soccer analysis UI for INSAIT K1 with interactive visuals; optimized JVM garbage collection, enhancing efficiency by 10x.

Honors

2021 Honorable Mention at CHI'21 (top 5%)
2019 Outstanding Graduates, Xiamen University (top 3%)
2016 & 2017 Triple-A Student, Xiamen University (top 3%)
2016 Excellent Volunteer, Xiamen University (top 10)

Scholarship

2016 & 2017 Outstanding Scholarship for Undergraduates (top 5%), Xiamen University
& 2018
2016 & 2017 “An An” Scholarship First Prize (top 3%), College of Materials, Xiamen University

Skills

Programing JavaScript, Python, C, Web Development
Language Chinese (native), and English (fluent)

Teaching

Fall 2022 CIS 3990: Introduction to Human-Computer Interaction

Services

Sept. 2017 Volunteer in BRICS Xiamen Summit