

Ting He

Undergraduate Student / CS Major / Linguistics Minor
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EXPERIENCES AND PROJECTS

CSE Instructional Aide; University of Michigan - January 2023 - present

Working as IA for Introduction to Operating Systems (EECS 482 and EECS 498). Hold weekly lab sections and office hours and answer Piazza posts. Previously worked as IA for Data Structures & Algorithms (EECS 281) for two semesters (Winter and Spring, 23).

Student Researcher; University of Michigan & ProQuest - January - December, 2023

Modeled academic research success as a machine learning problem. Formulated predictive features from two large databases; established truth values suitable for measures of academic success; built streamlined system to train the models.

iOS App Developing — 2021 - present

Built three small iOS apps and an iOS game app (unpublished) using Xcode and Swift storyboard. Link to portfolio: <https://tinghe-c.github.io/portfolio-ting-he.pdf>

CS and Math Teaching Assistant; University of Rochester — January - May 2022

Worked as TA for a CS course, Computation & Formal Systems (CSC 173) and a Math Course, Mathematical Cryptography (MATH 233). Graded projects and homework, composed homework solutions, and held weekly study sessions and office hours.

Data Analyst Intern; DataStory; Beijing, China — June - August, 2021

Processed and analyzed a large amount of data. Gained insights from data and wrote reports that present data in visual ways to meet the clients' needs.

Independent Research in Math History — 2019 - 2020

Researched and read extensively on Fermat's Last Theorem; interpreted the math development behind it; analyzed the significance of the theorem and its applications; wrote a research essay.

PHOTOGRAPHY

I have been doing photography for a long time. I especially enjoy street photography. Check out my photography gallery: <https://www.tinghephotography.com/>

SKILLS

- Language:

Fluent in Chinese and English; Elementary in German and French.

- Computer:

C, C++, C#, Rust, OCaml, Swift, Java, Python, Lisp, LaTeX, SQL, R, HTML, CSS

- Other:

Video Editing and Lightroom; Some experience with Photoshop and Adobe Illustrator.