

# HEI TING (UNA) CHAN

## Curriculum Vitae

Ann Arbor, MI — hei@umich.edu — +1 (608) 867-7333 — LinkedIn

### EDUCATION

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#### Ph.D. in Computer Science and Engineering

Aug 2025 – Present

Institution: University of Michigan – Ann Arbor

Department: Computer Science and Engineering, EECS

#### B.S. in Computer Science and Data Science

Sep 2021 – Dec 2024

Institution: University of Wisconsin – Madison

Department: Computer Sciences / Statistics

### PUBLICATIONS AND MANUSCRIPTS

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#### A Cloud–Edge System for Multimodal Clinical Screening in Resource-Constrained Rural Settings

Chan, H.T., Wu, C., Liu, X., Zhao, Z., Zheng, B., Mao, Z., Nakayama, L.F., Morley, M.G., Shen, L., & Chen, J. (2026). Submitted to Machine Learning for Healthcare (MLHC) 2026. *[First author; Under Review.]*

#### Speculative Decoding for Multimodal Models: A Survey

Zhang, Y., Wang, Y., Hsieh, Y., Wang, X., Zhang, P., Yang, Z., Ma, J., Zhao, Z., Zheng, B., Chan, H.T., Li, J., Liu, X., Gao, K., Liu, R., Zhang, J., Li, J., Wan, Z., Zhang, Z., Xiong, J., Zhu, S., Cao, H., & Shen, H. (2026). Preprint; target venue: Transactions on Machine Learning Research (TMLR). *[Under Review.]*

### RESEARCH EXPERIENCE

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#### Research Assistant

May 2025 – Present

Institution: University of Michigan – Ann Arbor

Department: EECS, RobustNet Lab (Advisor: Prof. Z. Morley Mao)

Working on network and ML systems research. Included in projects for ML systems efficiency and Medical AI.

#### Undergraduate Researcher

May 2024 – Aug 2025

Institution: University of Wisconsin – Madison

Department: DNS Research Group (Advisor: Prof. Paul Barford)

Designed and implemented a Proximal Policy Optimization (PPO) model in PyTorch/Gym to generate structured second-level domain names.

### TEACHING

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#### Peer Mentor, Introduction to Software Security

Sep 2024 – Dec 2024

Course Instructors: Prof. Barton Miller, Elisa Heymann

Institution: University of Wisconsin – Madison

Mentored students in secure coding practices, threat modeling, and vulnerability mitigation. Collaborated with instructors on curriculum improvement based on observed student gaps.

### WORK EXPERIENCE

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#### Student IT

Feb 2022 – Apr 2025

Institution: University of Wisconsin Biotechnology Center

Designed, developed, and maintained 10+ building websites using WordPress/PHP; delivered server and HPC support (storage, upgrades, troubleshooting); led disk-utilization and storage-server projects.

### AWARDS

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CSE Fellowship, University of Michigan – Ann Arbor

2025