Huaxiaoyue (Yuki) Wang

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🌐 https://lunay0yuki.github.io/

Education

2022 – present 🔖 **Cornell University, Ph.D.**
Department of Computer Science, GPA 4.0/4.0
Advisor: Sanjiban Choudhury.

2018 – 2022 🔖 **Havery Mudd College, B.S.**
Department of Computer Science, GPA 3.9/4.0

Research Experience

08/2022 – present 🔖 **Graduate Research Assistant.**
Cornell University, Computer Science Department.
Advisor: Prof. Sanjiban Choudhury, PoRTaL group.

05/2021 – 05/2022 🔖 **Undergraduate Research Assistant.**
Harvey Mudd College, Computer Science Department.
Advisor: Prof. Jim Boerkoel, Human Experience & Agent Teamwork Lab.

02/2020 – 05/2022 🔖 **Undergraduate Research Assistant.**
Harvey Mudd College, Engineering Department.
Advisor: Prof. Jim Boerkoel, Lab for Autonomous and Intelligent Robotics.

08/2018 – 12/2019 🔖 **Undergraduate Research Assistant.**
Harvey Mudd College, Engineering Department.
Advisor: Prof. David Harris, The HMC Aero Lab.

Teaching Experience

08/2022 – 05/2023 🔖 **Graduate Teaching Assistant.**
Cornell University, Computer Science Department.
Intro. to CS, Robot Learning
Supervisors: Prof. Sanjiban Choudhury, Prof. Walker White.

08/2019 – 05/2022 🔖 **Undergraduate Teaching Assistant.**
Cornell University, Computer Science Department.
Courses: Intro. to CS; Data Structure & Programming Development;
Computability & Logic; Algorithms.
Supervisors: Prof. Zachary Dodds; Prof. Julie Medero; Prof. George D. Montanez;
Prof. Ran Libeskind-Hadas.

Research Publications

Conference Proceedings

1. **Huaxiaoyue Wang**, N. Chin, G. Gonzalez-Pumariega, *et al.*, "APRICOT: Active preference learning and constraint-aware task planning with LLMs," in *8th Annual Conference on Robot Learning*, 2024.
🔗 URL: https://openreview.net/forum?id=nQslM6f7dW.

2. **Huaxiaoyue Wang***, W. Huey*, A. Wu, Y. Artzi, and S. Choudhury, "Time your rewards: Learning temporally consistent rewards from a single video demonstration," in *CoRL 2024 Workshop on Whole-body Control and Bimanual Manipulation: Applications in Humanoids and Beyond*, 2024. 🔗 URL: https://openreview.net/forum?id=gsgkiuv9BS.

3. **Huaxiaoyue Wang***, K. Kedia*, J. Ren*, *et al.,* "MOSAIC: Modular foundation models for assistive and interactive cooking," in *8th Annual Conference on Robot Learning*, 2024. 🔗 URL: https://openreview.net/forum?id=dUo6j3YURS.

4. **Huaxiaoyue Wang**, G. Gonzalez-Pumariega, Y. Sharma, and S. Choudhury, "Demo2code: From summarizing demonstrations to synthesizing code via extended chain-of-thought," in *Thirty-seventh Conference on Neural Information Processing Systems*, 2023. 🔗 URL: https://openreview.net/forum?id=ftPoVcm821.

Journal Articles

1. M. Morgan*, J. Schalkwyk*, **Huaxiaoyue Wang***, *et al.,* "Simple temporal networks for improvisational teamwork," *Proceedings of the International Conference on Automated Planning and Scheduling,* vol. 32, no. 1, pp. 261–269, Jun. 2022. 🔗 DOI: 10.1609/icaps.v32i1.19809.

Awards and Achievements

2022 🔖 **The Greever Award,** Harvey Mudd College.
Made an outstanding contribution to a collaborative project with eBay.

🔖 **Graduated with High Distinction,** Harvey Mudd College.

🔖 **Departmental Honors in Computer Science,** Harvey Mudd College.