

# Huaxiaoyue (Yuki) Wang

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Cornell University, Ithaca, NY

## Education

- 2022 – present     📌 **Cornell University, Ph.D.**  
Department of Computer Science, GPA 4.0/4.0  
Advisor: Sanjiban Choudhury.
- 2018 – 2022     📌 **Haverly 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. Christopher Clark, 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-Pumariiega, *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-Pumariaga, 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.