





# Changling Li (李常凌)

+41 079-613-4902 | [lichan@student.ethz.ch](mailto:lichan@student.ethz.ch) | [changlingli.com](http://changlingli.com)

 [LinkedIn](#) |  [GitHub](#) |  [Google Scholar](#) |  [X](#)

“And now I see with eye serene, the very pulse of the machine.” – William Wordsworth

## RESEARCH INTEREST

AI Safety · Multi-Agent Systems · Reinforcement Learning

## EDUCATION

- **ETH Zürich** Sept 2022 - Present  
*Master of Science in Computer Science*  
◦ Major: Machine Intelligence; Minor: Theoretical Computer Science Zurich, Switzerland
- **Colby College** Sept 2018 - May 2022  
*Bachelor of Arts in Physics (Astrophysics) and Computer Science with Honors*  
◦ GPA: 3.99/4 (Distinction in both majors) Maine, United States
- **Li Po Chun United World College** Sept 2016 - June 2018  
*International Baccalaureate Bilingual Diploma*  
◦ Grade: 41/45 Hong Kong

## PUBLICATIONS

C=CONFERENCE, J=JOURNAL, S=IN SUBMISSION

- [C.3] Choi Younwoo\*, Changling Li\*, Yongjin Yang, and Zhijing Jin. “**Agent-to-Agent Theory of Mind: Testing Interlocutor Awareness among Large Language Models.**” In *Proceedings of the 2025 Conference on Empirical Methods in Natural Language Processing (EMNLP Main)*, 2025.
- [J.1] Changling Li, Ying Li. “**Scaling up Energy-Aware Multi-Agent Reinforcement Learning for Mission-Oriented Drone Networks with Individual Reward.**” *IEEE Internet of Things Journal (IoT-J)*, vol. 12, no. 8, pp. 10640-10654, April 15, 2025.
- [C.2] Changling Li, Zhang-Wei Hong, Pulkit Agrawal, Divyansh Garg, and Joni Pajarinen. “**ROER: Regularized Optimal Experience Replay.**” In *Reinforcement Learning Conference (RLC)*, 2024.
- [C.1] Ying Li, Changling Li, Jiyao Chen, and Christine Roinou. “**Energy-Aware Multi-Agent Reinforcement Learning for Collaborative Execution in Mission-Oriented Drone Networks.**” In *2022 International Conference on Computer Communications and Networks (ICCCN)*, pp. 1–9. IEEE, 2022.

## HONORS, AWARDS & SCHOLARSHIPS

**Undergrad Honors:** Distinction in both majors; Magna Cum Laude; Phi Beta Kappa; Sigma Pi Sigma; UWC Davis Scholar; Dean’s List F’18, S’19, F’19, F’21 (2020 and S’21 - cancelled due to COVID-19).

**Colby College Institutional Grant:** 45,065\$/year × 4 years undergraduate scholarship (90% scholarship, acceptance rate below 5%), Colby College, 2018 - 2022.

**UWC Davis Scholarship:** 20,000\$/year × 4 years undergraduate scholarship, Davis UWC Scholars, 2018 - 2022.

**UWC National Committee Scholarship:** HKD 278,000/year × 2 years high school scholarship (full scholarship, acceptance rate below 1%), United World College, 2016 - 2018.

**Bronze Medal in China National Biology Olympiad (CNBO):** 32nd China National Biology Olympiad, 2015.

## RESEARCH EXPERIENCE

- **Student Researcher** May 2025 - Present  
*Jinesis Lab & ETH Zurich* Zurich, Switzerland  
◦ Designed evaluation framework and behavior adaptation case studies ([C3, EMNLP]).  
◦ Implemented multi-LLM interactions to explore the implication in cooperative LLMs, AI alignment and safety.  
◦ Supervised by Prof. Zhijing Jin.
- **Semester Project Student** Oct 2024 - Feb 2025  
*PdZ Lab & ETH Zurich* Zurich, Switzerland  
◦ Developed the in-context learning optimization pipeline for dexterous robot hand grasping and planning.  
◦ Integrated the pipeline with Raisim Gym environment.  
◦ Supervised by Hui Zhang, Sophokles Ktistakis & Prof. Mirko Meboldt.
- **Remote Student Researcher** Nov 2023 - May 2024  
*MIT & Aalto University* Remote  
◦ Derived the theoretical formulation of TD-based prioritization scheme involving occupancy optimization and Lagrangian duality ([C.2, RLC]).  
◦ Implemented JAX-based Soft Actor-Critic RL with proposed experience replay formulation.

- Ran Large scale evaluation using MuJoCo and DM Control.
- Supervised by Dr. Zhang-Wei Hong, Prof. Joni Pajarinen & Prof. Pulkit Agrawal.

- **Summer Research Assistant & Honor Thesis Student**

June 2021 - June 2022

Colby College

Waterville, US

- Developed an OpenAI gym based drone networks simulation environment.
- Implemented tensorflow-based DQN MARL in both cooperation (IC.1, ICCCN) and coopetition settings (IJ.1, IoT-JI).
- Supervised by Prof. Ying Li.

## ACADEMIC SERVICE

- **Reinforcement Learning Conference Technical Reviewer**, 2025.

## TEACHING EXPERIENCE

- **Teaching Assistant**

Sept 2019 - May 2022

Department of Computer Science, Colby College



- Courses: CS 353 Interactive System; CS 251 Data Analysis and Visualization; CS 231 Data Structure and Algorithm; CS 152 Computational Thinking: Science; CS 151 Computational Thinking: Visual Media.

- **Teaching Assistant**

Sept 2019 - May 2021

Department of Physics and Astronomy, Colby College



- Courses include: PH 241 Modern Physics I; PH 242 Modern Physics II.

## COMMUNITY SERVICE

- **WatervilleCreates!**, 3D Printing Instructor

Sept 2021 - May 2022

- **The Bridge (LGBTQIA+) Club of Colby College**, Co-leader

Feb 2019 - Sept 2021

- **Coral Monitoring in Collaboration with WWF and CoralWatch**, Co-leader

Sept 2016 - June 2018

## SKILLS & INTERESTS

- **Programming Languages:** Python, C++, Java.
- **Frameworks:** PyTorch, JAX, TensorFlow, Sklearn, Git, SQL, JSONiq.
- **Domains:** AI, Machine Learning, Reinforcement Learning, Multi-Agent Systems, Ethics.
- **Natural Languages:** English (Proficient), Mandarin (Native), Spanish (Intermediate), German (Elementary).
- **Interests:** Play Squash, Horror Film, Visual Arts, Scuba Diving, Effective Altruism.

## REFERENCES

1. **Zhijing Jin**

Assistant Professor, Department of Computer Science

University of Toronto

Email: zjin@cs.toronto.edu

Relationship: Research Supervisor

2. **Joni Pajarinen**

Assistant Professor, Department of Electrical Engineering and Automation

Aalto University

Email: joni.pajarinen@aalto.fi

Relationship: Research Supervisor

3. **Ying Li**

Associate Professor, Department of Computer Science

Colby College

Email: yingli@colby.edu

Phone: +1 207-859-5852

Relationship: Undergrad Thesis Supervisor