

Pawin Taechoyotin

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EDUCATION

University of Colorado Boulder , Colorado, USA PhD in Computer Science	2024 - present
University of Colorado Boulder , Colorado, USA Master of Computer Science	2022 - 2024
King Mongkut's University of Technology Thonburi , Bangkok, Thailand Bachelor of Engineering, Major: Computer Engineering	2014 - 2018

PUBLICATIONS

- Taechoyotin, Pawin, and Daniel E. Acuna. "**REM-CTX: Automated Peer Review via Reinforcement Learning with Auxiliary Context**" 2026 arXiv preprint arXiv:2604.00248 (Under review)
- Taechoyotin, Pawin, and Daniel Acuna. "**REMOR: Automated Peer Review Generation with LLM Reasoning and Multi-Objective Reinforcement Learning.**" 2025 arXiv preprint arXiv:2505.11718 (Under review)
- Taechoyotin, Pawin, Guanchao Wang, Tong Zeng, Bradley Sides, and Daniel Acuna. "**MAMORX: Multi-agent Multi-Modal Scientific Review Generation with External Knowledge.**" In *NeurIPS 2024 Workshop Foundation Models for Science: Progress, Opportunities, and Challenges*.
- Taechoyotin, Pawin, and Daniel Acuna. "**MISTI: Metadata-Informed Scientific Text and Image Representation through Contrastive Learning.**" In Proceedings of the Fourth Workshop on Scholarly Document Processing (SDP 2024), pp. 155-164. 2024.

WORK EXPERIENCE

University of Colorado Boulder, USA Graduate Research Assistant	January 2025 - present
• Design and implement a pipeline to extract figures, citations, and text on Petabyte-scale datasets	
Graduate Part-Time Instructor	August 2024 – December 2024
• Lecture a class of 100 students on the Basics of Computing	
Government Big Data Institute, Thailand Data Scientist/Data Engineer	August 2018 – July 2022
• Design and analyze organization datasets to produce insights for policy making of Government Agencies	
• Instructor on Data Analytics and Data Preprocessing	

ACADEMIC SERVICE

- Reviewer for the 10th International Congress on Peer Review and Scientific Publication, PeerJ Computer Science Journal, Springer Nature: Humanities and Social Sciences Communications Journal, and IC2S2
- Lecturer and lab director for over 100 high school students regarding robotic programming in a camp to inspire them about computer engineering (Bangkok, Thailand)

ACHIEVEMENT & AWARDS

- Admitted to Machine Learning Summer School (MLSS) 2026
- Nominated for Poster Presentation Award at World Conference on Research Integrity (WCRI) 2026
- Publication/Presentation Fellowship from the University of Colorado Boulder, 2024
- Microsoft Imagine Cup Regional Finals in Kuala Lumpur in 2018, as one of Thailand's representatives.
- Falling Walls Lab Thailand winner and representative for Falling Walls Lab Finale at Berlin 2018, a global competition and conference where innovators and researchers around the globe, including post-doc graduates, compete with their innovative ideas.
- Participated in the Joint Capstone Project 2017 at Curtin University, Australia
- Finalist representative of Thailand for the Taiwan 2013 and England 2014 International Youth Physicist Tournament (IYPT), a global and influential physics competition centered on non-examination-based research problems judged by expert physicists.