

Pattaraphon Kenny Wongchamcharoen

CONTACT INFORMATION	2117 Haste Street Berkeley, CA 94704	+1 (510) 703 6076 pattaraphon.kenny@berkeley.edu
EDUCATION	University of California, Berkeley <i>Tau Beta Pi</i> B.S. Industrial Engineering & Operations Research (IEOR) Minoring in Data Science & Mathematics GPA: 3.95	May 2027
AREAS OF INTEREST	Methods: Operations Research; Applied Machine Learning; Online Field Experiments; Large Language Models Simulation; Applied Econometrics; Game Theory Applications: Human–AI Augmentation; Revenue Management & Marketplace Design; Transportation and Supply Chain Analytics; Computational Social Science	
PUBLICATIONS	[1] Do Large Language Models (LLMs) Understand Chronology? Wongchamcharoen, P. K. , & Glasserman, P. <i>AAAI 2026</i> (forthcoming) Oral – Student Abstract & Poster Program (Top 11%) Poster – <i>AI4TS: AI for Time Series Analysis (AAAI 2026 Workshop)</i> [<i>arXiv</i>] [<i>code</i>]	
OTHER RESEARCH	[1] Data-Driven Evaluation of Board of Directors Effectiveness Wongchamcharoen, P. K. , Stringer, C., Hwang, B., Liu, I., & Li, K. <i>Best Data Visualization, Berkeley CDSS Data Discovery Symposium 2025</i> [<i>poster</i>] [2] Mixed-Integer Linear Program for Options Pricing and Portfolio Optimization Bin Abdulla, Q. M., Wongchamcharoen, P. K. , Jamari, A., & Lee, J. <i>1st Runner-up, Wells Fargo & IEOR Bay Area Decision Sciences Summit 2025</i> [<i>poster</i>] [<i>code</i>]	
CONTRIBUTIONS AS RESEARCH ASSISTANT	[1] Calyber: A Ridesharing Game [under major revision] Shen, Y., Yan, C., & Yan, J. <i>Runner-up, 2025 INFORMS Case Competition</i> [<i>press</i>]	
WORKS IN PROGRESS	[1] Mechanism Design and Revenue Optimization of Uber’s <i>Destination Filter</i> Mode <i>Working paper (in preparation) with Chiwei Yan</i> [2] LLM simulation to benchmark human–AI task augmentation <i>Working paper (in preparation) with Abhishek Nagaraj</i>	
HONORS AND AWARDS	Best Data Visualization, UC Berkeley CDSS Data Discovery Symposium (2025) 1st Runner-up, Wells Fargo & IEOR Bay Area Decision Sciences Summit (2025) Cal Alumni Leadership Award Finalist (2024) Dean’s List for Berkeley Engineering (2023-2025) ASEAN Scholarship (2018)	

RESEARCH
EXPERIENCE

UC Berkeley Industrial Engineering & Operations Research <i>Research Assistant</i> Research Advisor: Chiwei Yan	Berkeley, CA Jan 2024 – Present
UC Berkeley Haas School of Business <i>Research Assistant (Data Innovation and AI Lab)</i> Research Advisor: Abhishek Nagaraj	Berkeley, CA Jan 2024 – Present
Columbia Business School, Decisions, Risks and Operations <i>Visiting Research Fellow</i> Research Advisor: Paul Glasserman	New York, NY Jun 2025 – Aug 2025
UC Berkeley School of Law <i>Student Researcher</i> Research Advisor: Frank Partnoy	Berkeley, CA Jan 2025 – May 2025
UC Berkeley Haas School of Business <i>Research Assistant</i> Research Advisor: David Evan Harris	Berkeley, CA Aug 2023 – Jan 2024

PROFESSIONAL
EXPERIENCE

Beats by Dre <i>Data Analytics Extern</i>	Culver City, CA June 2024 – Aug 2024
Xcube Capital <i>Product Development & Analytics Intern</i>	Singapore, Singapore May 2024 – Aug 2024
MENTOR Global Consultants <i>Technical Product Management Intern</i>	Berkeley, CA Jan 2024 – Apr 2024
GUESS, Inc. <i>Strategy Contract Consultant</i>	San Francisco, CA Aug 2023 – Dec 2023

INVITED
PRESENTATIONS

<i>Do LLMs Understand Chronology?</i> 2026 IISE Annual Conference, Arlington, TX (May 2026) Yale Undergraduate Research Conference (YURC), New Haven, CT (Feb 2026) AAAI 2026, Singapore, Singapore (Jan 2026)	
<i>Chrono-Logical? Assessing Temporal Reasoning in LLMs: An Empirical Lens</i> Columbia Business School Summer Research Seminar, New York, NY (July 2025)	
<i>Board Effectiveness: Examining Skills Matrices of Public Company Directors</i> 2025 Berkeley CDSS Data Discovery Symposium, Berkeley, CA (May 2025)	
<i>Mixed-Integer Linear Program for Options Pricing and Portfolio Optimization</i> 2025 UC Berkeley IEOR Community Celebration & Alumni Achievement Ceremony, Berkeley, CA (Apr 2025)	

TEACHING
EXPERIENCE

Tutor, Center of Access for Engineering Excellence (CAEE), UC Berkeley MATH 1A (Calculus I); MATH 1B (Calculus II); MATH 53 (Calculus III); MATH 54 (Linear Algebra & Differential Equations); CS 61A (The Structure and Interpretation of Computer Programs); IEOR 160 (Non-linear and Discrete Optimization); IEOR 162 (Linear Programming & Network Flows) (Fall 2025) [tutor page]	
Lecturer, FoML: Foundations of Machine Learning (Berkeley GLOBE) (Fall 2025) [course website]	

Reader, IEOR 142A: Introduction to Machine Learning & Data Analytics
Undergraduate (Fall 2025)

Reader, IEOR 172: Probability & Risk Analysis for Engineers
Undergraduate (Spring 2025)

Reader, IEOR 120: Principles of Engineering Economics
Undergraduate (Fall 2024)

Tutor, CS C88C: Computational Structures in Data Science
Undergraduate (Fall 2024) [*course website*]

GRANTS
AWARDED

Columbia Business School
Summer Research Internship Grant (June 2025), \$7500

SERVICE AND
LEADERSHIP

Institute of Industrial & Systems Engineers at Berkeley
Senior Advisor Fall 2025 – Present
Director of Programs and Events Fall 2023 – Spring 2024

Singapore Students Association at Berkeley
Vice President of External Relations Spring 2024 – Fall 2024

TECHNICAL
SKILLS

Python (NumPy, Pandas, Matplotlib, scikit-learn, Pyomo, TensorFlow); Java; SQL;
Apache Spark; LLM APIs (OpenAI, Anthropic, Google Gemini); HuggingFace; L^AT_EX

LANGUAGES

English (Fluent); Thai (Native); Mandarin Chinese (Elementary)