

## Pattaraphon Kenny Wongchamcharoen

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CONTACT INFORMATION	2117 Haste Street Berkeley, CA 94704	+1 (510) 703 6076 pattaraphon.kenny@berkeley.edu
EDUCATION	<b>University of California, Berkeley</b> <i>Tau Beta Pi</i> B.S. Industrial Engineering & Operations Research (IEOR) Minoring in Data Science & Mathematics GPA: 3.97	May 2027
AREAS OF INTEREST	<b>Methods:</b> Operations Research; Applied Machine Learning; Online Field Experiments; Large Language Models Simulation; Applied Econometrics; Game Theory <b>Applications:</b> Human–AI Augmentation; Revenue Management & Marketplace Design; Transportation and Supply Chain Analytics; Computational Social Science	
PUBLICATIONS	[1] Do Large Language Models (LLMs) Understand Chronology? <b>Wongchamcharoen, P. K.</b> , & Glasserman, P. <i>Proceedings of the 2026 AAAI Conference on Artificial Intelligence (AAAI-26)</i> Oral – Student Abstract & Poster Program (Top 11%) Poster – <i>AI4TS: AI for Time Series Analysis (AAAI-26 Workshop)</i> [arXiv] [code]	
WORKING PAPERS & PREPRINTS	[1] Decoding Human–AI Augmentation: Measuring the Value of LLM Assistance on Professional Tasks Using Simulation <b>Wongchamcharoen, P. K.</b> , Gulati, K., Fong, M. M., & Nagaraj, A. <i>Working Paper</i> , February 2026	
CONTRIBUTIONS AS RESEARCH ASSISTANT	[1] Calyber: A Ridesharing Game. Shen, Y., Yan, C., & Yan, J. <i>INFORMS Transactions on Education</i> (forthcoming) <i>Runner-up, 2025 INFORMS Case Competition</i> [press] [2] On-Off Systems with Strategic Customers Sun, Y., Liu, Z., & Yan, C. <i>Under revision [ssrn]</i>	
OTHER RESEARCH	[1] Data-Driven Evaluation of Board of Directors Effectiveness <b>Wongchamcharoen, P. K.</b> , Stringer, C., Hwang, B., Liu, I., & Li, K. <i>Best Data Visualization, Berkeley CDSS Data Discovery Symposium 2025</i> [poster] [2] Mixed-Integer Linear Program for Options Pricing and Portfolio Optimization Bin Abdulla, Q. M., <b>Wongchamcharoen, P. K.</b> , Jamari, A., & Lee, J. <i>1st Runner-up, Wells Fargo &amp; IEOR Bay Area Decision Sciences Summit 2025</i> [poster] [code]	
WORKS IN PROGRESS	[1] Flex or Fast? Incentive-Compatible Demand Allocation in Destination-Mode Ride-Hailing Networks <i>Working paper (in preparation)</i>	

HONORS AND AWARDS	<p>Best Data Visualization, UC Berkeley CDSS Data Discovery Symposium (2025)  1st Runner-up, Wells Fargo &amp; IEOR Bay Area Decision Sciences Summit (2025)  Cal Alumni Leadership Award Finalist (2024)  Dean's List for Berkeley Engineering (2023-2025)  ASEAN Scholarship (2018)</p>
RESEARCH EXPERIENCE	<p><b>UC Berkeley Industrial Engineering &amp; Operations Research</b> Berkeley, CA  <i>Research Assistant</i> Jan 2024 – Present  Research Advisor: Chiwei Yan</p> <p><b>UC Berkeley Haas School of Business</b> Berkeley, CA  <i>Research Assistant (Data Innovation and AI Lab)</i> Jan 2024 – Present  Research Advisor: Abhishek Nagaraj</p> <p><b>Columbia Business School, Decisions, Risks and Operations</b> New York, NY  <i>Visiting Research Fellow</i> Jun 2025 – Aug 2025  Research Advisor: Paul Glasserman</p> <p><b>UC Berkeley School of Law</b> Berkeley, CA  <i>Student Researcher</i> Jan 2025 – May 2025  Research Advisor: Frank Partnoy</p> <p><b>UC Berkeley Haas School of Business</b> Berkeley, CA  <i>Research Assistant</i> Aug 2023 – Jan 2024  Research Advisor: David Evan Harris</p>
PROFESSIONAL EXPERIENCE	<p><b>Beats by Dre</b> Culver City, CA  <i>Data Analytics Extern</i> June 2024 – Aug 2024</p> <p><b>Xcube Capital</b> Singapore, Singapore  <i>Product Development &amp; Analytics Intern</i> May 2024 – Aug 2024</p> <p><b>MENTOR Global Consultants</b> Berkeley, CA  <i>Technical Product Management Intern</i> Jan 2024 – Apr 2024</p> <p><b>GUESS, Inc.</b> San Francisco, CA  <i>Strategy Contract Consultant</i> Aug 2023 – Dec 2023</p>
INVITED PRESENTATIONS	<p>2026 IISE Annual Conference Arlington, TX  May 2026 (scheduled)</p> <p>UC Berkeley Haas – Data Innovation and AI Lab (DIAL) Berkeley, CA  Apr 2026 (scheduled)</p> <p>AAAI 2026 Singapore  Jan 2026</p> <p>Columbia Business School Summer Research Seminar New York, NY  July 2025</p> <p>Berkeley CDSS Data Discovery Symposium Berkeley, CA  May 2025</p> <p>UC Berkeley IEOR Community &amp; Alumni Achievement Ceremony Berkeley, CA  Apr 2025</p>

TEACHING EXPERIENCE	<p><b>Reader, IEOR 253C: Supply Chain &amp; Logistics Management</b> Graduate (Spring 2026)</p> <p><b>Reader, IEOR 142A: Introduction to Machine Learning &amp; Data Analytics</b> Undergraduate (Fall 2025, Spring 2026)</p> <p><b>Tutor, Center of Access for Engineering Excellence (CAEE), UC Berkeley</b> MATH 1A (Calculus I); MATH 1B (Calculus II); MATH 53 (Calculus III); MATH 54 (Linear Algebra &amp; Differential Equations); CS 61A (The Structure and Interpretation of Computer Programs); IEOR 160 (Non-linear and Discrete Optimization); IEOR 162 (Linear Programming &amp; Network Flows) (Fall 2025) [<i>tutor page</i>]</p> <p><b>Lecturer, FoML: Foundations of Machine Learning (Berkeley GLOBE)</b> (Fall 2025 &amp; Spring 2026) [<i>course website</i>]</p> <p><b>Reader, IEOR 172: Probability &amp; Risk Analysis for Engineers</b> Undergraduate (Spring 2025)</p> <p><b>Reader, IEOR 120: Principles of Engineering Economics</b> Undergraduate (Fall 2024)</p> <p><b>Tutor, CS C88C: Computational Structures in Data Science</b> Undergraduate (Fall 2024) [<i>course website</i>]</p>
GRANTS AWARDED	<p><b>Columbia Business School</b> Summer Research Internship Grant (June 2025), \$7500</p> <p><b>UC Berkeley</b> College of Engineering Mentorship Grant (Jan 2024), \$850</p>
SERVICE AND LEADERSHIP	<p><b>Institute of Industrial &amp; Systems Engineers at Berkeley</b> Senior Advisor <span style="float: right;">Fall 2025 – Present</span> Director of Programs and Events <span style="float: right;">Fall 2023 – Spring 2024</span></p> <p><b>Singapore Students Association at Berkeley</b> Vice President of External Relations <span style="float: right;">Spring 2024 – Fall 2024</span></p>
TECHNICAL SKILLS	Python (NumPy, Pandas, Matplotlib, scikit-learn, Pyomo, TensorFlow); Java; SQL; Apache Spark; LLM APIs (OpenAI, Anthropic, Google Gemini); HuggingFace; L <sup>A</sup> T <sub>E</sub> X
LANGUAGES	English (Fluent); Thai (Native); Mandarin Chinese (Elementary)