

TRUONG (JACK) P. LUU

Department of Operations, Business Analytics, and Information Systems (OBAIS)

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SUMMARY

Truong (Jack) Luu is a Ph.D. candidate in Information Systems at the Carl H. Lindner College of Business, University of Cincinnati. His research focuses on information privacy, cybersecurity, and trust associated with disruptive/emerging technologies such as AI/ML and blockchain-enabled applications. Jack has extensive training in various research methodologies, including econometrics, experimental design, meta-analysis, structural equation modeling, qualitative analysis, and natural language processing.

He has published or has forthcoming research in the *Journal of Management Information Systems (JMIS)*, *Computers in Human Behavior (CHB)*, the *Journal of Information Science (JIS)*, *Economics Letters (EL)*, *Hawaii International Conference on System Sciences (HICSS)*, and the *Americas Conference on Information Systems (AMCIS)*. He has been awarded the University of Cincinnati's Digital Futures Fellowship (4 grad students are awarded university-wide) for his decentralized finance and security research work. Jack enjoys teaching computer programming, applied machine learning/AI, and cybersecurity courses at both undergraduate and graduate levels.

ACADEMIC QUALIFICATIONS

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| Ph.D. in Information Systems, University of Cincinnati | expected May 2026 |
| MS in Information Technology, Illinois State University | 2021 |
| AAS in Computer Science, Heartland Community College | 2019 |
| BS in International Business, Can Tho University | 2015 |

RESEARCH INTERESTS

Main area: Information privacy, cybersecurity, and trust in emerging/disruptive technologies

Developing area: Blockchain-enabled technologies

SCHOLARLY CONTRIBUTION

Peer-reviewed journal publications:

- [14] Jones, M., Luu, T.J., and Samuel, B.M. (2024). The interdependence of financial literacy and crypto literacy. *Economics Letters*. ABCD rating: A
- [13] Harrison A., Mirsadikov, A., and Luu, T.J. (2023). The influence of media capabilities on trust in the sharing economy. *Journal of Management Information Systems (JMIS)* (JMIS is included in Financial Times FT50 list¹ and the AIS senior scholars' list of premier journals²). ABDC rating: A*
- [12] Philip S.J., Luu, T.J., and Carte T. (2023). There's no place like home: Understanding Users' Intentions toward Securing Internet-of-things (IoT) Smart home networks. *Computers in Human Behavior (CHB)* (CHB is included in the AIS SIG recommended journals²). ABDC rating: A
- [11] Luu, T.J. & Follmann, R. (2022). The relationship between sentiment score and COVID-19 cases in the USA. *Journal of Information Science (JIS)*

Peer-reviewed conference publications:

- [10] Luu, TJ., Jones, M., and Samuel, BM. (2024). The Effects of Dark Triad Traits and Perceived Law Enforcement Competence in Responding to Ransomware Attacks. In *Proceedings of the 57th Hawaii International Conference on System Sciences (HICSS), 2024 (WON BEST PAPER AWARD)*
- [9] Daniel S., Maruping L., Zhao R., and Luu TJ. (2023). To assert or defend my role as an OSS developer: How IT infrastructure access changes the effect of digital platform behavior on firm mobility. In *Proceedings of the Americas Conference on Information Systems (AMCIS) 2023*.

Papers under review (manuscripts available upon request):

- [8] Luu, TJ. and Harrison, A. Understanding Information Privacy Concerns: A Meta-Analysis of Three Decades of Research.
- [7] Luu, TJ. and Samuel, BM. The Impact of Generative AI on Cybercrime: An Investigation into the Dark Side.
- [6] Jones, M., Luu, TJ. and Samuel, BM. Measuring Crypto Literacy.
- [5] Luu, TJ., Harrison A., Samuel, BM and Jones, M. Proposing A Unified Concept of Information Privacy: An Actor/Action-Oriented Approach.

Working papers (manuscripts available upon request):

- [4] Luu, TJ., Jones, M., and Samuel, BM. The Effects of Dark Triad Traits and Trust in Responding to Ransomware Attacks.
- [3] Luu TJ. and Harrison A. The Elephant in the Room of Privacy: Towards a unified conceptualization and measurement of multilevel information privacy.

Selected work in progress:

- [2] With Daniel S., Maruping L., and Zhao R. To assert or defend my role as an OSS developer: How IT infrastructure access changes the effect of digital platform behavior on firm mobility.
- [1] With Samuel, BM, Jones, M. and Nadler A. The Impact of Technological Trade Journals on Financial Education.

Invited talks and scholarly presentations:

- [m] Luu, TJ (presenter). Rethinking Information Privacy: A Multilevel Framework. *8th US- Japan Digital Innovation Hub and Advanced Technology Workshop*, Ohio State University, Columbus, Ohio (09/2024).
- [l] Luu, TJ. (presenter) and Samuel, BM. The Impact of Gen AI on Cybercrime: An Investigation into the Dark Side. *20th Annual Big XII+ MIS Research Symposium*. Texas A&M, College Station, Texas (04/2024).
- [k] Luu, TJ. (co-presenter) and Samuel, BM (co-presenter). The Impact of Generative on Cybercrimes. *OBAIS Brown Bag Research Series*. University of Cincinnati, Cincinnati, Ohio (02/2024).
- [j] Luu, TJ. (presenter), Jones, M., and Samuel, BM. The Effects of Dark Triad Traits and Trust in Responding to Ransomware Attacks. *2023 International Graduate Research Symposium*, Cincinnati, Ohio (11/2023).
- [i] Luu, TJ. Crash Course on Blockchain, Cryptocurrency, and Crypto-Related Cybercrimes. *UC MoneyCon*, Cincinnati, Ohio (10/2023).
- [h] Luu, TJ. The Psychology of Cryptocurrency Ransomware Attacks. *University of Cincinnati Hackathon*, Cincinnati, Ohio (10/2023).
- [g] Jones, M., Luu, TJ., and Samuel, BM. Education and financial integration are the real solutions to crypto's setbacks. *In response to a Notice of Request for Information from The White House Office of Science and Technology Policy* (02/2023).
- [f] Luu, TJ., How to prepare your future for the next disruptive innovation? *Invited talk at the Ohio Blockchain Council*. Columbus, Ohio (08/2022).
- [e] Luu, TJ., How does blockchain help solve future business problems? *Digital Futures Fellow Research Session*. University of Cincinnati, Cincinnati, Ohio (08/2022).
- [d] Luu, TJ. (presenter), Harrison A., and Mirsadikov A. Would you take a ride from a stranger? How Information Communication Technologies Influence Trust-based Decisions. *18th Annual Big XII+ MIS Research Symposium*. Houston (U of Houston), Texas (04/2022).

- [c] Luu, TJ., Using machine learning to measure sentiment during the COVID-19 pandemic. *Illinois State University Research Symposium*, Illinois State University, Normal, Illinois (04/2021).
- [b] Luu, TJ., How did you feel during the pandemic? Twitter sentiment analysis. *Partial fulfillment of requirements for the Master of Information Systems degree*. Illinois State University, Normal, Illinois (03/2021).
- [a] Luu, TJ. (presenter) & Follmann, R. (2020). A study of the sentiment of COVID-19-related tweets in the USA *13th International Symposium on Biomathematics and Ecology Education and Research (BEER)*, Normal, Illinois (11/2020).

SCHOLARLY SERVICES

Journal review:

Journal of Management Information Systems (JMIS) 2023, 2024
 European Journal of Information Systems (EJIS) 2024
 Finance Research Letter (FRL) 2024
 Information & Management (I&M) 2022
 International Journal of Electronic Commerce (IJECE) 2023, 2024
 AIS Transactions on Replication Research (AIS-TRR) 2021

Conference review:

International Conference on Information Systems (ICIS) 2022, 2023, 2024
 Americas Conference on Information Systems (AMCIS) 2023
 Pacific Asia Conference on Information Systems (PACIS) 2022, 2023
 Hawaii International Conference on System Sciences (HICSS) 2023, 2024
 European Conference on Information Systems (ECIS) 2023, 2024

Conference committee services:

Review coordinator: Americas Conference on Information Systems (AMCIS) 2023

RESEARCH METHODOLOGY

Methodologies have been used in my research:

Experimental design: randomized block design
 Time series analysis/interrupted time series analysis
 Meta-analysis (psychometric and conventional approaches)
 Structural equation modeling (SEM.)
 Item response theory (IRT.)
 Natural language processing: text mining and sentiment analysis
 Grounded theory/qualitative analysis

Methodologies training received:

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| Time series econometrics (Prof. Olivier Parent) | Spring 2024 |
| Experimental and quasi-experimental design (Prof. Benjamin Kelcey) | Fall 2023 |
| Causal inference I (Prof. Scott Cunningham) | Fall 2023 |
| Meta-analysis (Prof. Michael Borenstein) | Spring 2023 |
| Structural equation modeling (Prof. Benjamin Kelcey) | Spring 2023 |

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| Qualitative research methods (Prof. Elaine Hollensbe) | Spring 2022 |
| Judgment and decision making (Prof. Ryan Rahinel) | Spring 2022 |
| Structural equation modeling (Prof. James Gaskin) | Fall 2021 |
| Quantitative research methods (Prof. Eli Awtrey) | Fall 2021 |

FELLOWSHIP, AWARDS, AND HONORS

Total awards amount (since year 01 of PhD program at U of Cincinnati): **\$76,000+**

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| Won Carl H. Lindner Outstanding Doctoral Student Research Award (\$1,000) | 04/2024 |
| Awarded Graduate Student Stipend Enhancement award (\$500) | 03/2024 |
| Won University Research Council Graduate Student Stipend program, 2024 (\$7,500) | 02/2024 |
| Won Best Paper award at Hawaii International Conference on System Sciences (HICSS) | 01/2024 |
| Won Digital Futures Research Fellow 2024 (\$30,000 + \$3,300 fringe benefit) | 10/2023 |
| Awarded New Lindner Doctoral Student Award (\$1,000) | 09/2023 |
| Awarded GSG Conference award (\$200) (for meta-analysis workshop) | 04/2023 |
| Won Lindner Research Excellence Research grant, w/Dr. Binny Samuel (\$3,000) | 12/2022 |
| Won Lindner Research Excellence Research grant, w/Dr. Michael Jones (\$3,000) | 12/2022 |
| Awarded New Lindner Doctoral Student Award (\$500) | 08/2022 |
| Won GSG Research Fellowship Award for interdisciplinary projects Spring 2023 (\$2,000) | 02/2023 |
| Awarded Digital Futures Research Fellow, 2022-2023, UC's Office of Research (\$17,500) | 08/2022 |
| Won Lindner Research Excellence Research Grant, w/Dr. Andrew Harrison (\$2,500) | 04/2022 |
| Awarded GSG Conference award (\$600) | 04/2022 |
| Won GSG Research Fellowship Award for interdisciplinary projects Spring 2022 (\$2,000) | 02/2022 |
| Awarded New Lindner Doctoral Student Award (\$500) | 08/2021 |
| Awarded Lindner PhD Student's Sidall Fund (\$2,000) | 08/2021 |
| Won Outstanding Graduate Assistant Award, School of IT, Illinois State University (\$500) | 04/2021 |
| Won 8 th place at the National Leadership Conference in Community Service Project (Maryland) | 06/2018 |
| Won Gary Riepe Memorial Scholarship (\$500) | 05/2018 |
| Won 1 st place at the State Leadership Conference for Community Service Project (Illinois) | 04/2018 |
| Won 8 th place at National Leadership Conference in Small Business Management Plan (California) | 06/2017 |
| Won 1 st place at the National Leadership Conference for Small Business Management (Illinois) | 04/2017 |

TEACHING AREAS OF EXPERTISE

Cybersecurity/Information Systems Security (both lab-based and management-focused)
 Full stack web development (.NET, Java, JavaScript, C#, Python, etc.)
 Applied machine learning/AI for business
 Decision modeling and business analytics (R, Python, SPSS, and Stata)
 Database management systems and data mining (structured and unstructured data)
 IT management and strategy
 Systems analysis and design
 Blockchain technology/cryptocurrencies

TEACHING EXPERIENCE

| Course Title | Role | Semester | Instructor Excellence Rating |
|--|-------------------|-------------|------------------------------|
| University of Cincinnati | | | |
| IS8044 Information System Security (Graduate) | Course Instructor | Spring 2024 | 7.87/8.0 |
| IS3050 Web Development with .NET (Undergrad) | Course Instructor | Summer 2022 | 7.88/8.0 |
| IS8044 Information Systems Security (Graduate) | TA | Spring 2022 | - |
| BANA7012 Decision Modeling (Graduate) | TA | Spring 2022 | - |
| IS6030 Data Management (Graduate) | TA | Fall 2021 | - |
| BANA7012 Decision Modeling (Graduate) | TA | Fall 2021 | - |
| Illinois State University | | | |
| IT150 Microcomputer Productivity Tools | Lab Instructor | Fall 2020 | - |
| IT150 Microcomputer Productivity Tools | Lab Instructor | Spring 2020 | - |
| IT150 Microcomputer Productivity Tools | Lab Instructor | Fall 2019 | - |
| Heartland Community College | | | |
| Programming (Java and mathematics) | Tutor | 2017 – 2019 | - |

CERTIFICATIONS & RELATED DEGREES

Cybersecurity:

(I.S.C.)² Certified in Cybersecurity, International Information System Security Certification Consortium

Computer science/Machine learning/AI:

AAS degree in Computer Science (2 year degree), Heartland Community College

Supervised Machine Learning: Regression and Classification (Stanford Online x DeepLearning.AI)

Data science:

Experimental design basics, Arizona State University

Tools for Data Science, IBM.

Python for data science, AI, and development, IBM.

Data science methodology, IBM.

Databases and SQL for data science with Python, IBM.

Data Visualization with Python, IBM.

Management, business, and teaching:

Small Business Management Certificate, one-year program, Heartland Community College
CRLA's International Tutor Certificate, College Reading and Learning Association - CRLA
TESOL and TEFL teaching certificates, Tflen Training College

LEADERSHIP AND VOLUNTEER EXPERIENCE

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| Served as blockchain/cryptocurrency mentor to Future of Data Hackathon | 08/2024 – 09/2024 |
| Served as research tutor/advisor for the Crypto Club (4 projects) at U of Cincinnati | 02/2024 – 08/2024 |
| Elected as Campus Rep. for Lindner Graduate Students Association | 09/2021 – present |
| Served at Cincinnati Parks need: Alms Park Service Projects | 10/2023 – 11/2023 |
| Founded/coordinated Blockchain/Crypto Research Brown Bag Series | 08/2022 – 05/2023 |
| Elected as Board Member of Illinois Board of Higher Education (IBHE) | 05/2018 – 06/2019 |
| Founded and administrated English Language Intensive Program (ELIP) | 01/2019 – 12/2019 |
| Elected as Executive Rep. of the Student Advisory Committee (IBHE) | 05/2018 – 06/2019 |
| Elected as Student Body President at Heartland Community College (HCC) | 05/2018 – 05/2019 |
| Elected as President of the International Student Association (HCC) | 10/2016 – 05/2018 |

PROFESSIONAL EXPERIENCE

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| Advisory Board Member (focus on Information Systems) Advicebuild L.L.C. | 02/2024 – present |
| Lab Manager Kautz-Uible Cryptoeconomics Lab | 08/2022 – present |
| Course Instructor Department of OBAIS, Lindner College of Business, UC | 05/2022 – present |
| Teaching Assistant Department of OBAIS, Lindner College of Business, UC | 08/2021 – 05/2022 |
| Research Assistant School of Information Technology, ISU | 07/2020 – 7/2021 |
| Lab Instructor School of Information Technology, ISU | 08/2019 – 12/2020 |
| Founder and CTO Lac Cang LLC, Vietnam | 04/2019 – 10/2022 |
| STEM Master Tutor Heartland Tutoring Services, HCC | 12/2017 – 05/2019 |
| Office Assistant Student Engagement Department, HCC | 08/2017 – 05/2019 |
| Contributing Editor Vietnam Education and Times | 09/2017 – 07/2018 |
| General Manager Nguyen Anh Grocery | 05/2012 – 07/2015 |

TECHNICAL SKILLS

Programming skills

Java, JavaScript, PHP, C, C#, Swift, CSS, HTML, LaTeX, mobile and cloud computing

Data analysis tools

SPSS, Stata, R, Python, SQL, graph database (Neo4j), data visualization, and text analysis

System development skills

System analysis and design, agile software development, and project management

MISCELLANEOUS

Media coverage:

- [9] Fite H. (2024). Lindner faculty and staff awarded college, university recognitions 2023-24 awardees celebrated. University of Cincinnati News, April 30, 2024 <https://www.uc.edu/news/articles/2024/04/lindner-faculty-and-staff-awarded-college-university-recognitions.html>
- [8] Shaner, K. (2023). Cincinnati Edition: A new tool to protect cryptocurrency investors. UC researchers have created a free resource to measure cryptoeconomics literacy. University of Cincinnati News, October 3, 2023. <https://www.uc.edu/news/articles/2023/10/a-new-tool-to-protect-cryptocurrency-investors.html>
- [7] NPR Network – Cincinnati Edition (2023). How much do you know about crypto? A new tool could show you. 91.7 WVXU NPR Network, October 3, 2023. <https://www.wvxu.org/show/cincinnati-edition/2023-10-03/tool-measure-cryptocurrency-literacy>
- [6] Shaner, K. (2023). UC researchers develop scale to measure individuals' cryptoeconomics literacy. University of Cincinnati News, September 19, 2023. <https://www.uc.edu/news/articles/2023/09/do-you-understand-cryptoeconomics.html>
- [5] Greene, T. (2023). "Researchers develop crypto literacy scale to measure consumer financial awareness". Cointelegraph, August 29, 2023. <https://cointelegraph.com/news/researchers-develop-crypto-literacy-scale-to-measure-consumer-financial-awareness>
- [4] Binance News (2023). "Researchers Develop Crypto Literacy Scale to Measure Knowledge and Understanding". Binance, August 30, 2023. <https://www.binance.com/en/feed/post/2023-08-29-researchers-develop-crypto-literacy-scale-to-measure-knowledge-and-understanding-1052500>
- [3] Kautz-Uible Cryptoeconomics Lab (2023). "Innovation Interview". February 3, 2023. https://www.youtube.com/watch?v=N0jiCSCS_zA&t=1235s
- [2] Robinson, L. (2022). "Crypto conversation – Jack Luu." Amalgamation of Minds, October 26, 2022. <https://spotify.link/dCB6I3w0fDb>
- [1] Lenore Sobota (2018). "Heartland student leaders have influence beyond campus" The Pantagraph. December, 15, 2018. https://pantagraph.com/news/article_0905167b-ffd3-547d-a86b-0a8c34d3e7b2.html

Books published:

- | | |
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| [2] Buoc ra the gioi: Cam nang du hoc va san hoc bong (co-author). The Gioi Publishers | 08/2022 |
| ISBN-13: 9786043654875 (Over 2000 copies sold in the first three months) | |
| [1] Dam ba cai tuoi tre (co-author). Hong Duc Publishing House | 11/2018 |
| ISBN-13: 9786048959203 (Goodreads.com's rating: 4.0) | |

Software/applications:

- [1] IELTS-GPT: Achieving Higher IELTS Writing Scores with AI: <https://ielts-gpt.com/>
Since 08/2023, this software has been helping thousands of individuals improve their English test scores monthly (based on website traffic)