

Generative AI Workshop

Wednesday, November 29, 2023 2:30 – 7pm
Stevens School of Business, Room 104 or [Access Zoom Here](#)

CRAFT WORKSHOP PRESENTERS



Sudhir Pai, Executive Vice President, Chief Technology & Innovation Officer, Member of FS Exco - Financial Services SBU at Capgemini

Sudhir Pai is an EVP and Chief Technology & Innovation Officer (CTIO) for the Global Financial Services business at Capgemini. He is a thought leader, speaker, blogger, and business advisor for the CXO's in the finance industry. He has been praised for being practical, relevant, actionable, and hands-on. As an advisor, he is focusing on sparking Innovation, engaging Ecosystem for significant business impacts, and assisting organisations to face Technology disruptions. Sudhir carries tremendous passion for emerging technologies like DeFi, AI, Quantum. He was a speaker at DAVOS, SIBOS and other marquee events and his topics on 'Innovation at the time of uncertainty', 'Future of Finance' resonates extremely well with industry leaders and CXO's.



Kevin Pitts, Director of Business Development for Corporate Programs, School of Business, Stevens Institute of Technology

Kevin Pitts, the driving force behind Corporate Programs at Stevens Institute of Technology, is a transformative figure in the realm of business development. As a seasoned leader, consultant, facilitator, and coach, his impact extends far beyond his current role. With a distinguished background as a managing director in executive education for Duke University Corporate Education and the Ross School of Business at the University of Michigan, Kevin brings unparalleled expertise to the table. His influence has reached global proportions, having served as an adjunct professor at Drexel University and a moderator for Harvard Business Publishing, where he led workshops and provided coaching to executives on an international scale.



Chang Lu, Ph.D. candidate, Computer Science, Stevens Institute of Technology

Chang Lu is a Ph.D. candidate in the Department of Computer Science at Stevens Institute of Technology, advised by Dr. Yue Ning. He received his BS degree in 2016 and MS degree in 2019, in the School of Computer Science, Fudan University. His research interests include big data, applied machine learning and deep learning, natural language processing, generative AI, and interpretable predictive models in healthcare domain.



Jeffrey Nickerson, Professor, School of Business, Stevens Institute of Technology

Professor Jeffrey Nickerson is the Shulman chair and studies collective intelligence. Other research includes design and creativity and digital innovation. Institutional service includes Ph.D. Program Committee for Data Science Member, School of Business Nominations Committee for Full Professor Member, School of Business Research Committee Chair, Student Managed Investment Fund Advisory Board Member, University Promotion and Tenure Committee Member, Hanlon Advisory Board Member, School of Business Nominations Committee Member, and more.



Feng Mai, Associate Professor, School of Business, Stevens Institute of Technology

Dr. Feng Mai is an Associate Professor and Area Coordinator of Information Management & Analytics Area at Stevens Institute of Technology. His recent research focused on information extraction with applications in fintech and online communities. He received his Ph.D. from the University of Cincinnati in 2015 and holds an MS in Statistics from Miami University.



Adam Faanes, Chief Technology Officer, 4Thought Technologies

Adam Faanes is Co-Founder and Chief Technology Officer of 4Thought Technologies. He has over 10 years of advanced experience building sophisticated financial software solutions, having worked at Bloomberg LP for six years on the development of its namesake terminal and then at J.P. Morgan as a software engineer on a variety of trading and financial analysis applications. A modern polymath, Adam is a self-taught programmer with a passion for accessible financial-software innovation, having attained a BA in History, Government, and Economics from The University of Texas at Austin after starting college at age 16.



Xiaoyang Liu, faculty, Computer Science, Rensselaer Polytechnic Institute

Xiao-Yang Liu holds a PhD from Columbia University and is a new faculty at RPI CS Department. His research interests include deep reinforcement learning, simulation of quantum circuits and quantum machine learning algorithms, big data, and high-performance computing. He has created several open-source projects, including FinRL, ElegantRL and FinGPT. He has contributed chapters to textbooks on reinforcement learning for cyber-physical systems and on tensor for data processing.

AGENDA

- 2 - 2:15pm - Attendee Arrival, Stevens School of Business, Room 104
 - If walking - Please enter through the main entrance – 525 River Street, Hoboken, NJ 07030 (photo below). Turn right after entering doors, pass elevators on the left, room 104 is the first room on your left.
 - If parking - please park in the “Babbio Garage” on Frank Sinatra Drive (photo below)
 - Take elevator up to “L”, make a left when exiting elevator, make another left when looking at entrance doors, pass elevators on the left, room 104 is the first room on your left.
- 2:30 – 2:35pm - Welcome Address - Steve Yang, Aparna Gupta
- 2:35 – 3:05pm – Chang Lu, “Multi-Label Clinical Time-Series Generation via Conditional GAN
- 3:05 – 3:35pm – Jeffrey Nickerson, “Generative AI and Ideation”
- 3:35 – 4:05pm - Feng Mai, “Dissecting Corporate Culture Using Generative AI: Insights from Analyst Reports”
- 4:05 – 4:35pm - Xiaoyang Liu, “Data-centric FinGPT: Open-Source Financial Large Language Models”
- 4:35 – 5:05pm - Sudhir Pai, “Race2GenAI”
- 5:05 – 5:35pm – Adam Faanes, “Generative AI Trading Strategies: Trust and Explainability in 4Thought Studio”
- 5:35 – 6:05pm – (CRAFT Industry members only) - Steve Yang & Kevin Pitts - Fintech Education Certificate Discussion (please join reception after discussion)
- 5:35 – 7pm - Reception - Stevens School of Business 4th Floor Lounge Area
 - Take elevators up to 4th floor, make a right, locate “lobby area” near windows for reception area



