INDUSTRIAL & SYSTEMS ENGINEERING UNIVERSITY of WASHINGTON

Journeys Beyond UW ISE - An interactive discussion with ISE alumni about life and career (Online Seminar)

Dr. Daniel Quoc Dung Cao **Applied Scientist**

Dr. Ning Li Research Scientist Applied Scientist

Dr. Zhanlin Liu

Dr. Aven Samareh Senior Data and Applied Scientist Lead

Bio

Daniel Quoc Dung Cao, Ph. D.

Dr. Daniel Quoc Dung Cao is an Applied Scientist at Uber Technologies, Inc. He works on optimizing pricing and incentives efficiency for Uber's riders. Previously, he was a Research Data Scientist at Meta Platforms, Inc. and obtained a PhD in Industrial & Systems Engineering with Data Science & Machine Learning specialization at the University of Washington, Seattle.



Ning Li is a senior research scientist working at Meta (previously known as Facebook). She drove the machine learning efforts in FB ads guidance personalization, and she is one of the main contributors to PyTorch and its ecosystems for accelerating Machine learning model training. Prior to Meta, Ning received her Ph.D. in industrial and system engineering from University of Washington under the supervision of Prof. Linda Boyle. Her research focused on human-centered machine learning for driver behavior and human interactions with driver assistance systems. She also spent three summers interning at Microsoft Research, Adobe, and Facebook.

Zhanlin (Kevin) Liu, Ph. D.

Zhanlin Liu graduated from the department of Industrial & Systems Engineering department in August 2020. During his Ph.D., he worked with Professor Choe on the topic of uncertainty quantification as well as some machine learning related projects. He is currently working at AstrumU as a senior data scientist. Before that, he worked in Microsoft, Warner Music Groups, and a kirkland-based start-up company Wyze. His working experience is mainly related to deep learning in applications of audio and natural language processing.

Aven Samareh, Ph. D.

Aven is a senior data and applied scientist lead at Microsoft Azure Core and is responsible for managing a team of data scientists and overseeing the development of Aldriven solutions within Azure Core. Her experience in Machine Learning, Deep Learning, and Multimodal learning approaches allows her to leverage AI and develop innovative solutions that enhance customer experience. Prior to joining Microsoft, Aven pursued her PhD in Industrial & Systems Engineering at University of Washington and focused on developing AI-driven methodologies in healthcare.

Abstract

We are organizing an interactive panel session with ISE alumni where the alums will share their stories and their experiences at ISE and beyond. We are expecting to host 3-4 alums who graduated from UW ISE in the past 4-5 years and who were nominated by ISE faculty. The

session will begin with each alum describing their career trajectory after graduation, their experience at UW and ISE, faculties and staff they worked with, how they landed their first job, what they learned at UW ISE (including courses) that is helping their career, and advise (career, personal) they have for the current cohort. Then I will ask a few questions from a prepared list and later, we will take questions from the audience.











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Date & Time



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