

Po-Shen Loh

Professor at Carnegie Mellon University

Pittsburgh, PA, US

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Biography

Po-Shen Loh is a social entrepreneur, working across the spectrum of mathematics, education and health care, all around the world. He is a math professor at Carnegie Mellon University and the national coach of the USA International Mathematical Olympiad team. He has pioneered innovations ranging from a scalable way to learn math live online at comparable engagement to live-streaming platforms, to a new way to control pandemics, such as COVID-19, by leveraging self-interest. His scientific research considers a variety of questions that lie at the intersection of combinatorics (the study of discrete systems), probability theory and computer science.

Industry Expertise

Computer Software, Education/Learning, Health Care - Services

Areas of Expertise

Combinatorics, Mathematics, Math Education, Probability Theory?, Computer Science

Event Appearances

Commencement Keynote, The Future of Education
(2018) Duquesne University School of Education

Education

Princeton University

Ph.D. Mathematics

California Institute of Technology

B.S. Mathematics

Cambridge University

M.S Mathematics

Accomplishments

William H. and Frances S. Ryan Award
2019

NSF CAREER Award
n/a

Presidential Early Career Award for Scientists and Engineers
2019

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