



5 Courses

Mathematical Thinking in
Computer Science

Combinatorics and Probability

Introduction to Graph Theory

Number Theory and
Cryptography

Delivery Problem



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Yan Zhang

has successfully completed the online, non-credit Specialization

Introduction to Discrete Mathematics for Computer Science

Discrete Math is needed to see mathematical structures in the object you work with, and understand their properties. This ability is important for software engineers, data scientists, security and financial analysts (it is not a coincidence that math puzzles are often used for interviews). We cover the basic notions and results (combinatorics, graphs, probability, number theory) that are universally needed.

Vladimir Podolskii
Associate Professor
Computer Science

Michael Levin
Lecturer
Computer Science

Alexander S. Kulikov
Visiting Professor
Department of
Computer Science and
Engineering

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