



Massachusetts Institute of Technology



This is to certify that

Jonathan J. Attia

has successfully completed

**Quantum Algorithms for Cybersecurity,
Chemistry, and Optimization**

Awarded 2.0 Continuing Education Units (CEUs)

Feb. 17, 2020 - March 30, 2020

A handwritten signature in black ink, appearing to read 'Sanjay Sarma'.

Sanjay Sarma

Vice President for Open Learning
Professor of Mechanical Engineering
Massachusetts Institute of Technology

A handwritten signature in black ink, appearing to read 'Isaac Chuang'.

Isaac Chuang

Professor of Physics
Professor of Electrical Engineering and Computer
Science
Massachusetts Institute of Technology

A handwritten signature in black ink, appearing to read 'William D. Oliver'.

William D. Oliver

Professor of Electrical Engineering and Computer
Science
Professor of Physics
Massachusetts Institute of Technology

Valid Certificate ID: ccb3942c-7b5b-42b4-bedb-0a694de1141c