

Verified Certificate



This is to certify that

Yimin Leng

successfully completed and received a passing grade in

18.01.1x: Calculus 1A: Differentiation

a course of study offered by MITx, an online learning initiative
of the Massachusetts Institute of Technology.

A handwritten signature in black ink, appearing to read "David Jerison".

David Jerison

Professor, Department of Mathematics
Massachusetts Institute of Technology

A handwritten signature in black ink, appearing to read "Gigliola Staffilani".

Gigliola Staffilani

Abby Rockefeller Mauzé Professor
Department of Mathematics
Massachusetts Institute of Technology

A handwritten signature in black ink, appearing to read "Krishna Rajagopal".

Krishna Rajagopal

Dean for Digital Learning
Massachusetts Institute of Technology



Verified Certificate

Issued August 31, 2021

Valid Certificate ID

[479539f016244eb9bf80f3226fc8db57](https://courses.edx.org/certificates/479539f016244eb9bf80f3226fc8db57)

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This is to certify that

Yimin Leng

successfully completed and received a passing grade in

18.01.2x: Calculus 1B: Integration

a course of study offered by MITx, an online learning initiative
of the Massachusetts Institute of Technology.

A handwritten signature in black ink, appearing to read "David Jerison".

David Jerison

Professor

Department of Mathematics

Massachusetts Institute of Technology

A handwritten signature in black ink, appearing to read "Gigliola Staffilani".

Gigliola Staffilani

Abby Rockefeller Mauzé Professor

Department of Mathematics

Massachusetts Institute of Technology

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

Sanjay Sarma

Vice Provost for Open Learning

Massachusetts Institute of Technology



Verified Certificate

Issued December 21, 2021

Valid Certificate ID

[f6e46d8597d54882ae7727e6b267dd93](https://courses.edx.org/certificates/f6e46d8597d54882ae7727e6b267dd93)

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This is to certify that

Yimin Leng

successfully completed and received a passing grade in

6.00.2x: Introduction to Computational Thinking and Data Science

a course of study offered by MITx, an online learning initiative of the Massachusetts Institute of Technology.

A handwritten signature in black ink, appearing to read "Eric Grimson".

W. Eric L. Grimson

Bernard Gordon Professor of Medical Engineering
Chancellor for Academic Advancement
Massachusetts Institute of Technology

A handwritten signature in black ink, appearing to read "John Guttag".

John Guttag

Dugald C. Jackson Professor of
Computer Science and Electrical Engineering
Massachusetts Institute of Technology

A handwritten signature in black ink, appearing to read "Krishna Rajagopal".

Krishna Rajagopal

Dean for Digital Learning
Massachusetts Institute of Technology



Verified Certificate

Issued May 28, 2021

Valid Certificate ID

[acab6e7d5b1c4982b975dc4126c7e6e0](https://courses.edx.org/certificates/acab6e7d5b1c4982b975dc4126c7e6e0)

Verified Certificate



This is to certify that

Yimin Leng

successfully completed and received a passing grade in

6.00.1x: Introduction to Computer Science and Programming Using Python

a course of study offered by MITx, an online learning initiative
of the Massachusetts Institute of Technology.

A handwritten signature in black ink, appearing to read "Eric Grimson".

W. Eric L. Grimson

Bernard Gordon Professor of Medical Engineering
Chancellor for Academic Advancement
Massachusetts Institute of Technology

A handwritten signature in black ink, appearing to read "John Guttag".

John Guttag

Dugald C. Jackson Professor of
Computer Science and Electrical Engineering
Massachusetts Institute of Technology

A handwritten signature in black ink, appearing to read "Krishna Rajagopal".

Krishna Rajagopal

Dean for Digital Learning
Massachusetts Institute of Technology



Verified Certificate
Issued August 6, 2021

Valid Certificate ID
[6fb535a5b2514ab28e04635994989bfc](https://courses.edx.org/certificates/6fb535a5b2514ab28e04635994989bfc)

Verified Certificate



A handwritten signature in black ink, appearing to read "J. Tsitsiklis".

John Tsitsiklis

Professor, Department of Electrical Engineering and Computer
Science

Massachusetts Institute of Technology

A handwritten signature in black ink, appearing to read "Krishna Rajagopal".

Krishna Rajagopal

Dean for Digital Learning

Massachusetts Institute of Technology

This is to certify that

Yimin Leng

successfully completed and received a passing grade in

**6.431x: Probability - The Science of Uncertainty and
Data**

a course of study offered by MITx, an online learning initiative
of the Massachusetts Institute of Technology.



Verified Certificate

Issued September 2, 2021

Valid Certificate ID

[d5e8a5d5713844ee9b9376951d8597b1](https://courses.edx.org/certificates/d5e8a5d5713844ee9b9376951d8597b1)

Verified Certificate



A handwritten signature in black ink, appearing to read "Regina Barzilay".

Regina Barzilay

Delta Electronics Professor of Electrical Engineering and Computer
Science

Massachusetts Institute of Technology

A handwritten signature in black ink, appearing to read "Tommi Jaakkola".

Tommi Jaakkola

Thomas Siebel Professor of Electrical Engineering and Computer
Science and the Institute for Data, Systems, and Society

Massachusetts Institute of Technology

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

Sanjay Sarma

Vice President for Open Learning

Massachusetts Institute of Technology

This is to certify that

Yimin Leng

successfully completed and received a passing grade in

6.86x: Machine Learning with Python-From Linear Models to Deep Learning

a course of study offered by MITx, an online learning initiative
of the Massachusetts Institute of Technology.



Verified Certificate

Issued November 8, 2021

Valid Certificate ID

[0ca8852d791f467e8a248aadcc0ed539](https://courses.edx.org/certificates/0ca8852d791f467e8a248aadcc0ed539)

Verified Certificate

Stanford | ONLINE



Tim Roughgarden

Professor of Computer Science

Stanford University

This is to certify that

Yimin Leng

successfully completed and received a passing grade in

CSX0003: Algorithms: Design and Analysis, Part 1

a course of study offered by StanfordOnline, an online learning initiative of Stanford University.



Verified Certificate

Issued January 10, 2022

Valid Certificate ID

3f7fb11d4bb74344adb2161d8e868d23

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