



May 5, 2020

Chen SHEN

has successfully completed

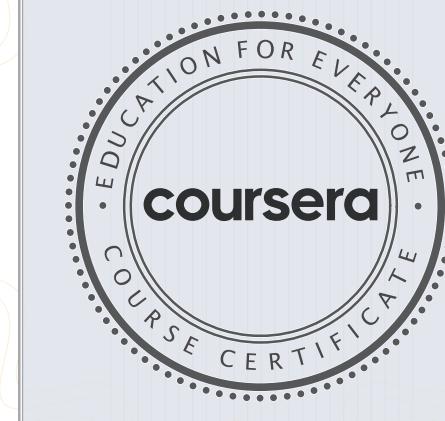
Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink that appears to read "Charles Severance".

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/SFY72QMQYW3H](https://coursera.org/verify/SFY72QMQYW3H)

Coursera has confirmed the identity of this individual and their participation in the course.



May 17, 2020

Chen SHEN

has successfully completed

Python Data Structures

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink that appears to read "Charles Severance".

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/P4VUYA97UBL9](https://coursera.org/verify/P4VUYA97UBL9)

Coursera has confirmed the identity of this individual and their participation in the course.



Jul 31, 2020

Chen SHEN

has successfully completed

Understanding and Visualizing Data with Python

an online non-credit course authorized by University of Michigan and offered through Coursera

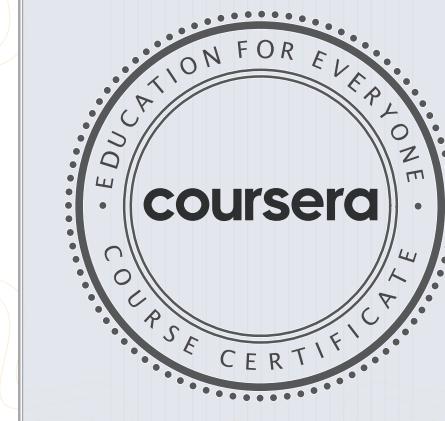
*Brenda Gunderson  
Kerby Shedden  
Brady West*

Brenda Gunderson, Ph.D., Lecturer IV

Kerby Shedden, Ph.D., Professor

Brady T. West, Ph.D., Research Associate Professor

COURSE  
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Verify at [coursera.org/verify/W9WVTXRD6E69](https://coursera.org/verify/W9WVTXRD6E69)

Coursera has confirmed the identity of this individual and their participation in the course.



Aug 19, 2020

Chen SHEN

has successfully completed

Applied Plotting, Charting & Data Representation  
in Python

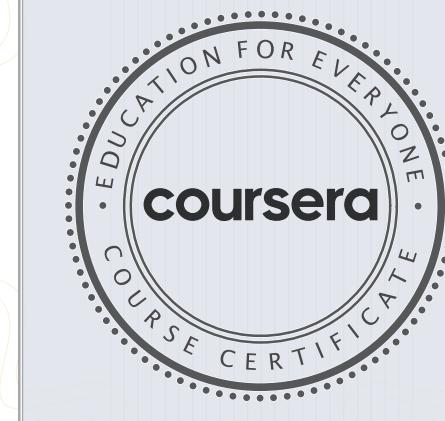
an online non-credit course authorized by University of Michigan and offered through  
Coursera

A handwritten signature in black ink that appears to read "Christopher Brooks".

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Christopher Brooks  
Research Assistant Professor  
School of Information

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/J9SBHM6APHD4](https://coursera.org/verify/J9SBHM6APHD4)

Coursera has confirmed the identity of this individual and their  
participation in the course.



Sep 15, 2020

Chen SHEN

has successfully completed

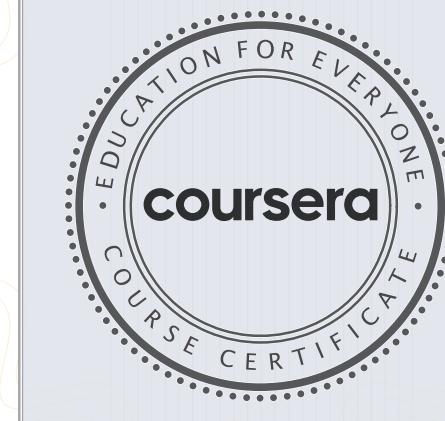
Applied Machine Learning in Python

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink that reads "Kevyn Collins-Thompson".

Kevyn Collins-Thompson  
Associate Professor  
School of Information

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/AM6J69R2VEC9](https://coursera.org/verify/AM6J69R2VEC9)

Coursera has confirmed the identity of this individual and their participation in the course.



Sep 24, 2020

Chen SHEN

has successfully completed

Applied Text Mining in Python

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink that reads "V.G. Vinod Vydiswaran".

V.G. Vinod Vydiswaran  
Assistant Professor  
School of Information

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/PTT8ZJ22B8L2](https://coursera.org/verify/PTT8ZJ22B8L2)

Coursera has confirmed the identity of this individual and their participation in the course.



Sep 29, 2020

Chen SHEN

has successfully completed

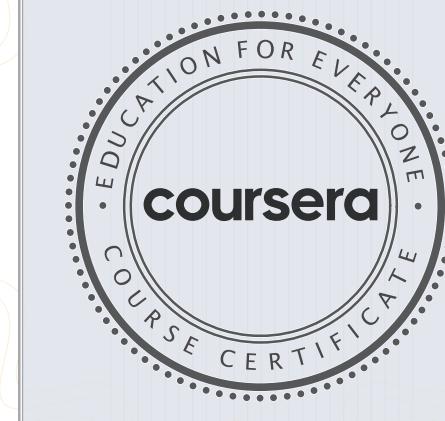
SQL for Data Science

an online non-credit course authorized by University of California, Davis and offered through Coursera

A handwritten signature in black ink that reads "Sadie St. Lawrence".

Sadie St. Lawrence  
AI Strategy Consultant for Accenture Applied Intelligence  
Founder of Women in Data (WID)  
Instructor, University of California, Davis Extension

COURSE  
CERTIFICATE



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Coursera has confirmed the identity of this individual and their participation in the course.



Oct 17, 2020

# Chen SHEN

has successfully completed

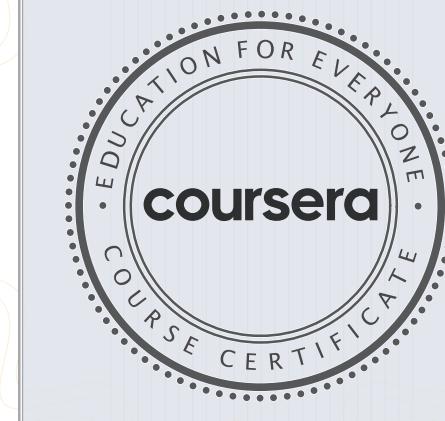
## Data Wrangling, Analysis and AB Testing with SQL

an online non-credit course authorized by University of California, Davis and offered through Coursera

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Katrina Glaeser  
Senior Data Scientist at Marco Polo  
Instructor, Division of Continuing and Professional Education

## COURSE CERTIFICATE



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Coursera has confirmed the identity of this individual and their participation in the course.



Oct 24, 2020

# Chen SHEN

has successfully completed

## Mathematics for Machine Learning: Linear Algebra

an online non-credit course authorized by Imperial College London and offered through Coursera

Handwritten signatures of three individuals: David Dye, Samuel J. Cooper, and A. Freddie Page, written in black ink on a dotted line.

David Dye, Samuel J. Cooper, and A. Freddie Page

### COURSE CERTIFICATE



Verify at [coursera.org/verify/PP3BKCYR7FLZ](https://coursera.org/verify/PP3BKCYR7FLZ)

Coursera has confirmed the identity of this individual and their participation in the course.



Nov 5, 2020

# Chen SHEN

has successfully completed

**Mathematics for Machine Learning: Multivariate Calculus**

an online non-credit course authorized by Imperial College London and offered through Coursera

Handwritten signatures of three individuals: David Dye, Samuel J. Cooper, and A. Freddie Page, written in black ink.

David Dye, Samuel J. Cooper, and A. Freddie Page

## COURSE CERTIFICATE



Verify at [coursera.org/verify/JHUh83BN95SD](https://coursera.org/verify/JHUh83BN95SD)

Coursera has confirmed the identity of this individual and their participation in the course.



Sep 23, 2021

# Chen SHEN

has successfully completed

## 计算导论与C语言基础

an online non-credit course authorized by Peking University and offered through Coursera

A handwritten signature in black ink, appearing to read "GE LI 李戈".

GE LI 李戈, PH.D.  
SCHOOL OF ELECTRONIC ENGINEERING AND COMPUTER SCIENCE  
PEKING UNIVERSITY

## COURSE CERTIFICATE



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# Stanford | ONLINE

2021-10-3

## Chen SHEN

通过了课程

Divide and Conquer, Sorting and Searching, and Randomized Algorithms

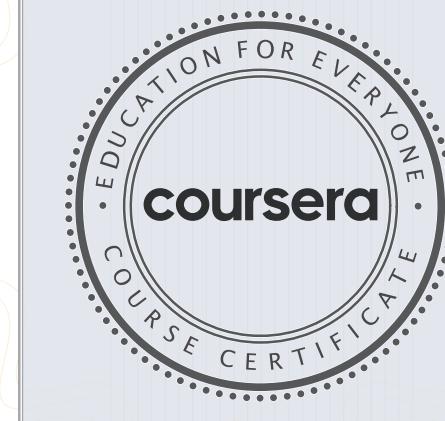
此非学分网络课程由 Stanford University 授权，通过 Coursera 平台完成授课



Tim Roughgarden  
Associate Professor of Computer Science  
Stanford University

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认证地址 [coursera.org/verify/2RDE38C4SGYT](https://coursera.org/verify/2RDE38C4SGYT)

参加该课程学习者的身份已经通过了 Coursera 的认证。



Nov 4, 2021

## Chen SHEN

has successfully completed

### C程序设计进阶

an online non-credit course authorized by Peking University and offered through Coursera

A handwritten signature in black ink, appearing to read "GE LI 李戈".

GE LI 李戈, PH.D.  
SCHOOL OF ELECTRONIC ENGINEERING AND COMPUTER SCIENCE  
PEKING UNIVERSITY

## COURSE CERTIFICATE



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