



Sep 1, 2020

shikhar singh

has successfully completed

Digital Transformation

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

Michael Lenox
Amarie Dannouni
Ching Fong Ong

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/A7Z8EFXFS6W

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



4 Courses

IS/IT Governance

Analysis for Business Systems

Enterprise Systems

IT Infrastructure and Emerging Trends



Sep 28, 2020

shikhar singh

has successfully completed the online, non-credit Specialization

Information Systems

This specialization enabled a learner to take a business problem, conceptualize an IT solution, define the specifications of the IT system, and evaluate enterprise system options or develop a custom solution, to address the business problem. Learners completed a course project for each of the four courses associated in this specialization.

Information Systems
Specialization
Information Technology
Infrastructure and
Emerging Trends
Course

Jason Chan
Assistant Professor
Carlson School of
Management,
Information and
Decision Sciences

Gautam Ray
Associate Professor
Carlson School of
Management,
Information and
Decision Sciences

Ken Reily
Associate Professor
Carlson School of
Management,
Information and
Decision Sciences

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:
coursera.org/verify/specialization/2XV35YMGYFFK



UNIVERSITY OF MARYLAND

Oct 4, 2020

shikhar singh

has successfully completed

**Financing and Profiting from Innovation for
Corporate Entrepreneurs**

an online non-credit course authorized by University of Maryland, College Park and
offered through Coursera

Michael R. Pratt
Lecturer of Technology Entrepreneurship
Maryland Technology Enterprise Institute (Mtech)

COURSE
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Verify at coursera.org/verify/JB6ZT6YLJB46

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



ONLINE

Sep 25, 2020

shikhar singh

has successfully completed

Entrepreneurship 1: Developing the Opportunity

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

Karl Ulrich, Vice Dean; Lori Rosenkopf, Vice Dean; David Hsu, Professor; David Bell, Professor; Kartik Hosanagar, Professor;
Laura Huang, Assistant Professor; Ethan Mollick, Assistant Professor.

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Verify at coursera.org/verify/DLRY5Q8FYWDJ

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ONLINE

Sep 25, 2020

shikhar singh

has successfully completed

Entrepreneurship 2: Launching your Start-Up

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

Karl Ulrich, Vice Dean; Lori Rosenkopf, Vice Dean; David Hsu, Professor; David Bell, Professor; Kartik Hosangar, Professor;
Laura Huang, Assistant Professor; Ethan Mollick, Assistant Professor.

COURSE
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Verify at coursera.org/verify/BT3DAPK5QB7E

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ONLINE

Sep 25, 2020

shikhar singh

has successfully completed

Entrepreneurship 3: Growth Strategies

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

Karl Ulrich, Vice Dean; Lori Rosenkopf, Vice Dean; David Hsu, Professor; David Bell, Professor; Kartik Hosangar, Professor; Laura Huang, Assistant Professor; Erhan Mollick, Assistant Professor.

COURSE
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ONLINE

Sep 25, 2020

shikhar singh

has successfully completed

Entrepreneurship 4: Financing and Profitability

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

Karl Ulrich, Vice Dean; Lori Rosenkopf, Vice Dean; David Hsu, Professor; David Bell, Professor; Kartik Hosangar, Professor; Laura Huang, Assistant Professor; Erhan Mollick, Assistant Professor.

COURSE
CERTIFICATE



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ONLINE

Jun 30, 2019

SHIKHAR SINGH

has successfully completed

Decision-Making and Scenarios

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

Richard A. Lambert
Miller-Sherreard Professor
Professor of Accounting
Wharton School
University of Pennsylvania

Robert W. Holthausen
EY Professor
The Nomura Securities Co. Professor
Professor of Accounting and Finance
Chairperson, Accounting Department

COURSE CERTIFICATE



Verify at coursera.org/verify/6UBMFVDAMPJN

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

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Sep 4, 2020

shikhar singh

has successfully completed

Data-driven Decision Making

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

A stylized, abstract signature in black ink.

Alex Marnella
Principal
Data and Analytics Consulting

COURSE
CERTIFICATE



Verify at coursera.org/verify/STS2QZLV53NG

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

This certificate is issued by PricewaterhouseCoopers LLP with an address at 300 Madison Avenue, New York, New York, 10017.



**DARDEN SCHOOL
of BUSINESS**

Sep 6, 2020

shikhar singh

has successfully completed

**Digital Product Management: Modern
Fundamentals**

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

Alex Cowan
Faculty & Batten Fellow
Darden School of Business
University of Virginia

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/6LHGCGFCRUG6

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

This course can be accessed at <https://www.coursera.org/learn/uva-darden-digital-product-management>

Erasmus
University
Rotterdam



07/01/2019

SHIKHAR SINGH

has successfully completed

Innovation Management

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

A handwritten signature in black ink, appearing to read "Jan van den Ende".

Jan van den Ende

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/TNBZ4ST9AL4S
Coursera has confirmed the identity of this individual and
their participation in the course.



**DARDEN SCHOOL
of BUSINESS**

Jun 24, 2019

SHIKHAR SINGH

has successfully completed

Customer-Centric IT Strategy

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

A stylized, abstract line drawing of a signature, likely belonging to Alex Cowan, positioned above a horizontal line.

Alex Cowan
Faculty & Batten Fellow
Darden School of Business
University of Virginia

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/FYKBR6U2WX37

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



UNIVERSITY OF MARYLAND

Sep 24, 2019

SHIKHAR SINGH

has successfully completed

Framework for Data Collection and Analysis

an online non-credit course authorized by University of Maryland, College Park and
offered through Coursera

Frauke Kreuter *Richard L. Volpert*

Frauke Kreuter, Professor
Joint Program in Survey Methodology, University of Maryland
University of Mannheim & Institute for Employment Research, Germany

COURSE CERTIFICATE



Verify at coursera.org/verify/VSHYRD7LRBCR

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



Feb 22, 2020

SHIKHAR SINGH

has successfully completed

Market Research and Consumer Behavior

an online non-credit course authorized by IE Business School and offered through
Coursera

A handwritten signature in blue ink that reads 'Shameek Sinha'.

Shameek Sinha
Professor of Marketing

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/5DGXXLY2SS54

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



Stanford MEDICINE

Stanford University School of Medicine certifies that
Shikhar Singh, MBA

has participated for **10.00** hours in the Enduring Material titled

AI Series: Fundamentals of AI and Machine Learning in Healthcare

on 09/09/2020

This Activity was designated for 11.00 *AMA PRA Category 1 Credit(s)*™

Accreditation

The Stanford University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Daryl Oakes, MD
Associate Dean for Continuing Medical Education

Stanford | ONLINE

Sep 10, 2020

SHIKHAR SINGH

has successfully completed

Evaluations of AI Applications in Healthcare

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

COURSE
CERTIFICATE



Two handwritten signatures in black ink. The first signature is on the left, and the second is on the right.

Tina Hernandez-Boussard
Associate Professor
Medicine (Biomedical Informatics), of Biomedical Data Science

Mildred Cho
Professor
Division of Medical Genetics

Verify at coursera.org/verify/JS5SG5ZTPW2W

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SOME ONLINE COURSES MAY DRAW ON MATERIAL FROM COURSES TAUGHT ON-CAMPUS BUT THEY ARE NOT EQUIVALENT TO ON-CAMPUS COURSES. THIS STATEMENT DOES NOT AFFIRM THAT THIS PARTICIPANT WAS ENROLLED AS A STUDENT AT STANFORD UNIVERSITY IN ANY WAY. IT DOES NOT CONFER A STANFORD UNIVERSITY GRADE, COURSE CREDIT OR DEGREE, AND IT DOES NOT VERIFY THE IDENTITY OF THE PARTICIPANT.

INSEAD

03/29/2020

SHIKHAR SINGH

has successfully completed

Blockchain Transformations of Financial Services

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



Don Tapscott
Adjunct Professor



Alex Tapscott
Co-founder
Blockchain Research Institute

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/LUJU962PAML3

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



3 Courses

Introduction to Trading,
Machine Learning & GCP

Using Machine Learning in
Trading and Finance

Reinforcement Learning for
Trading Strategies

Google Cloud

NEW YORK
INSTITUTE OF FINANCE
ESTABLISHED 1932

03/21/2020

SHIKHAR SINGH

has successfully completed the online, non-credit Specialization

Machine Learning for Trading

The courses will teach you how to create various quantitative and algorithmic trading strategies using Python. By the end of the specialization, you will be able to create long-term trading strategies, short-term trading strategies, and hedging strategies.

Jack Farmer
Curriculum Director
New York Institute of
Finance

Ram Seshadri
Machine Learning
Consultant
Google Cloud Platform

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Verify this certificate at:
coursera.org/verify/specialization/GV6VWVXXKBDfE



4 Courses

Exploring and Preparing your
Data with BigQuery

Creating New BigQuery
Datasets and Visualizing
Insights

Achieving Advanced Insights
with BigQuery

Applying Machine Learning to
your Data with GCP

Google Cloud

05/03/2020

shikhar singh

has successfully completed the online, non-credit Specialization

From Data to Insights with Google Cloud Platform

This four-course accelerated online specialization teaches course participants how to derive insights through data analysis and visualization using the Google Cloud Platform. The courses feature interactive scenarios and hands-on labs where participants explore, mine, load, visualize, and extract insights from diverse Google BigQuery datasets. The courses cover data loading, querying, schema modeling, optimizing performance, query pricing, and data visualization.

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Google Cloud Training

Verify this certificate at:
coursera.org/verify/specialization/CPF7URQ7S8P6



04/19/2020

SHIKHAR SINGH

has successfully completed

RPA Lifecycle: Introduction, Discovery and Design

an online non-credit course authorized by Automation Anywhere and offered through
Coursera



Automation Anywhere Pvt Ltd.

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/JPEQFMUW28QW
Coursera has confirmed the identity of this individual and
their participation in the course.



04/19/2020

SHIKHAR SINGH

has successfully completed

RPA Lifecycle: Development and Testing

an online non-credit course authorized by Automation Anywhere and offered through
Coursera



Automation Anywhere Pvt Ltd.

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/JMK88WZ8TTLM

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



04/19/2020

SHIKHAR SINGH

has successfully completed

RPA Lifecycle: Deployment and Maintenance

an online non-credit course authorized by Automation Anywhere and offered through
Coursera



Automation Anywhere Pvt Ltd.

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/JXDRT3KW5UVL

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



ONLINE

03/28/2020

SHIKHAR SINGH

has successfully completed

Introduction to Corporate Finance

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

Michael R. Roberts
William H. Lawrence Professor of Finance
The Wharton School, University of Pennsylvania

COURSE CERTIFICATE



Verify at coursera.org/verify/TRK7VMzV6XSS

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