



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

A handwritten signature in black ink, appearing to read "Michael Lenox" and "Amane Dannouri".

Michael Lenox  
Amane Dannouri  
Ching Fong Ong

## COURSE CERTIFICATE



Verify at [coursera.org/verify/A7Z8EFXFVS6W](https://coursera.org/verify/A7Z8EFXFVS6W)

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.

A handwritten signature in blue ink.

Sonam Jin  
Information Systems Specialization  
Information Technology Infrastructure and Emerging Trends Course

A handwritten signature in blue ink.

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

A handwritten signature in blue ink.

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

A handwritten signature in blue ink.

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

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Verify this certificate at:  
[coursera.org/verify/specialization/2XV35YMGYFFK](https://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  
CERTIFICATE



Verify at [coursera.org/verify/JB6ZT6YLJB46](https://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

*Joe Womack  
Lia G. Sora [Signature]*

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

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/DLRY5Q8FYWDJ](https://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

*Joe Ulrich  
Lori Rosenkopf  
David Hau  
David Bell  
Kartik Hosanger  
Laura Huang  
Ethan Mollick*

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

## COURSE CERTIFICATE



Verify at [coursera.org/verify/BT3DAPK5QB7E](https://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

*Shikhar Singh*  
Shikhar Singh

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

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/K9FFGE2VUFQF](https://coursera.org/verify/K9FFGE2VUFQF)

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# Wharton UNIVERSITY OF PENNSYLVANIA

# 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

*Shikhar Singh*  
Sep 25, 2020

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

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/GJSSPRP63JCW](https://coursera.org/verify/GJSSPRP63JCW)

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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

COURSE  
CERTIFICATE



*Richard A. Lambert* *Robert W. Holthausen*

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

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

Verify at [coursera.org/verify/6UBMFVDAMPJN](https://coursera.org/verify/6UBMFVDAMPJN)

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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

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Alex Marinella  
Principal  
Data and Analytics Consulting

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

## COURSE CERTIFICATE



Verify at [coursera.org/verify/STS2QZLV53NG](https://coursera.org/verify/STS2QZLV53NG)

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



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

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

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

## COURSE CERTIFICATE



Verify at [coursera.org/verify/6LHGCGFCRUGG6](https://coursera.org/verify/6LHGCGFCRUGG6)

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

Erasmus  
University  
Rotterdam

*Coursera*

07/01/2019

# SHIKHAR SINGH

has successfully completed

## Innovation Management

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

*Jan van den Ende*

## COURSE CERTIFICATE



Verify at [coursera.org/verify/TNBZ4ST9AL4S](https://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

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

## COURSE CERTIFICATE



Verify at [coursera.org/verify/FYKBR6U2WX37](https://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* *Rickard L. Valliant*

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](https://coursera.org/verify/VSHYRD7LRBCR)

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



Reinventing  
Higher Education

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



Shameek Sinha  
Professor of Marketing

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/5DGX0LY2SS54](https://coursera.org/verify/5DGX0LY2SS54)

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



**Stanford**  
**M E D I C I N E**

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.

A handwritten signature in black ink that reads "Daryl Oakes".

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

  
Tina Hernandez-Boussard  
Associate Professor  
Medicine (Biomedical Informatics), of Biomedical Data Science [Bell/BG/BY/Division of Medical Genetics](#)

  
Mildred Cho  
Professor  
Medicine (Biomedical Informatics), of Biomedical Data Science [Bell/BG/BY/Division of Medical Genetics](#)

## COURSE CERTIFICATE



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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.



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](https://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 1934

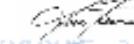
03/21/2020

## 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/GV6VVKXXBDFE](https://coursera.org/verify/specialization/GV6VVKXXBDFE)



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](https://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/JPEQFMUWz8QW](https://coursera.org/verify/JPEQFMUWz8QW)  
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](https://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



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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

A handwritten signature in black ink that appears to read "Michael R. Roberts".

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

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/TRK7VM2V6XSS](https://coursera.org/verify/TRK7VM2V6XSS)

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