



31.08.2020

Anant Vikram Singh

has successfully completed

Business English: Networking

a MOOC from the University of Washington and offered through Coursera

A handwritten signature in black ink, reading 'Daphne Mackey' followed by a stylized flourish and the initials 'RPM'.

Daphne Mackey  
Extension Lecturer  
International & English Language Programs  
UW Educational Outreach

Richard Moore  
Extension Lecturer, International & English Language Programs  
UW Educational Outreach

COURSE  
CERTIFICATE



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



4 Courses

**Programming Fundamentals**

**Writing, Running, and Fixing  
Code in C**

**Pointers, Arrays, and  
Recursion**

**Interacting with the System  
and Managing Memory**



3 Sep, 2020

**Anant Vikram Singh**

has successfully completed the online, non-credit Specialization

# Introduction to Programming in C

This specialization develops strong programming fundamentals for learners who want to solve complex problems by writing computer programs. Through four courses, you will learn to develop algorithms in a systematic way and read and write the C code to implement them. This will prepare you to pursue a career in software development or other computational fields.

Andrew D. Hilton  
Associate Professor of  
the Practice  
Electrical and Computer  
Engineering

Anne Bracy  
Senior Lecturer  
Computer Science,  
Cornell University

Genevieve M. Lipp  
Assistant Professor of  
the Practice  
Electrical and Computer  
Engineering  
Mechanical Engineering  
and Materials Science

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/2WQ2HHHKNEPG](https://coursera.org/verify/specialization/2WQ2HHHKNEPG)



12.08.2020

Anant Vikram Singh

has successfully completed

Programming Fundamentals

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

A handwritten signature in black ink, reading "Andrew D. Hilton".

Andrew D. Hilton | Genevieve M. Lipp | Anne Bracy  
Assistant Professor of the Practice | Adjunct Professor | Senior Lecturer  
Electrical and Computer Engineering | Electrical and Computer Engineering | Computer Science, Cornell University

COURSE  
CERTIFICATE



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



20.08.2020

Anant Vikram Singh

has successfully completed

Writing, Running, and Fixing Code in C

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

A handwritten signature in black ink, appearing to read "Andrew D. Hilton".

Andrew D. Hilton | Genevieve M. Lipp | Anne Bracy  
Assistant Professor of the Practice | Adjunct Professor | Senior Lecturer  
Electrical and Computer Engineering | Electrical and Computer Engineering, Mechanical Engineering and Materials  
Science | Computer Science, Cornell University

COURSE  
CERTIFICATE



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





28.08.2020

Anant Vikram Singh

has successfully completed

Pointers, Arrays, and Recursion

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

A handwritten signature in black ink, appearing to read "Andrew D. Hilton".

Andrew D. Hilton  
Anne Bracy  
Genevieve M. Lipp

COURSE  
CERTIFICATE



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



03.09.2020

Anant Vikram Singh

has successfully completed

Interacting with the System and Managing  
Memory

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

Three handwritten signatures in black ink, stacked vertically. The first signature is "Andrew D. Hilton", the second is "Anne Bracy", and the third is "Genevieve M. Lipp".

Andrew D. Hilton  
Anne Bracy  
Genevieve M. Lipp

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/SP3FMXCRJ7LG](https://coursera.org/verify/SP3FMXCRJ7LG)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

03.09.2020

**Anant Vikram Singh**

has successfully completed

**Academic Listening and Note-Taking**

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

*Tamy Chapman*  
*Dana Saito-Stehberger*

Tamy Chapman  
Dana Saito-Stehberger

**COURSE  
CERTIFICATE**



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



13.09.2020

# Anant Vikram Singh

has successfully completed

## Introduction to HTML5

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

A handwritten signature in blue ink that reads 'Colleen van Lent'.

Colleen van Lent, Ph.D.  
Lecturer  
School of Information, University of Michigan

A handwritten signature in black ink that reads 'Charles'.

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

### COURSE CERTIFICATE



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

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





09.09.2020

# Anant Vikram Singh

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, appearing to read 'Charles', followed by a horizontal line.

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

### COURSE CERTIFICATE



Verify at [coursera.org/verify/2WYUCT9XB27S](https://coursera.org/verify/2WYUCT9XB27S)  
Coursera has confirmed the identity of this individual and  
their participation in the course.



05.09.2020

# Anant Vikram Singh

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, appearing to read 'Charles', followed by a horizontal line.

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

### COURSE CERTIFICATE



Verify at [coursera.org/verify/Z63PDU7P8C2X](https://coursera.org/verify/Z63PDU7P8C2X)

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



JOHNS HOPKINS  
UNIVERSITY

16.09.2020

Anant Vikram Singh

has successfully completed

HTML, CSS, and Javascript for Web Developers

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

*Yaakov C.*

Yaakov Chaikin  
Adjunct Professor, Graduate Computer Science  
Whiting School of Engineering  
Johns Hopkins University

COURSE  
CERTIFICATE



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

Some online courses may draw on material from courses taught on campus but are not equivalent to on-campus courses. This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University in any way. It does not confer a JHU grade, course credit or degree; establish any relationship between this learner and JHU or other JHU affiliate; enroll or register this learner at JHU or other JHU affiliate or in any course offered by JHU; or entitle this learner to access or use the resources of JHU or other JHU affiliates beyond the online courses provided by Coursera.