

Microsoft Certified

Azure AI Fundamentals

Harish D

has successfully completed the requirements of
Azure AI Fundamentals

Date Issued: June 23, 2023

A handwritten signature in black ink, appearing to read "N. Satya Nadella".

Satya Nadella
Chief Executive Officer





10 Courses

What is Data Science?

Tools for Data Science

Data Science Methodology

Python for Data Science, AI & Development

Python Project for Data Science

Databases and SQL for Data Science with Python

Data Analysis with Python

Data Visualization with Python

Machine Learning with Python

Applied Data Science Capstone



Apr 30, 2024

Harish D

has successfully completed the online, non-credit Professional Certificate

IBM Data Science

In this Professional Certificate, learners developed and honed hands-on skills in Data Science and Machine Learning. Learners started with an orientation of Data Science and its Methodology, became familiar and used a variety of data science tools, learned Python and SQL, performed Data Visualization and Analysis, and created Machine Learning models. In the process they completed several labs and assignments on the cloud including a Capstone Project at the end to apply and demonstrate their knowledge and skills.

Rav Ahuja
AI & Data Science
Program Director
IBM Skills Network

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:

<https://coursera.org/verify/professional-cert/5PXK9Y4AE29Q>



Certificate no: UC-0b206912-7218-424c-afc1-ff7921f8deb9

Certificate url: ude.my/UC-0b206912-7218-424c-afc1-ff7921f8deb9

Reference Number: 0004

CERTIFICATE OF COMPLETION

Data Structures Algorithm DSA | Python+Javascript LEETCODE

Instructors **Jackson Kailath**

Harish D

Date **Jan. 18, 2024**

Length **40 total hours**

Stanford | ONLINE

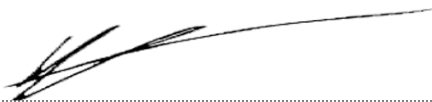
Apr 18, 2024

Harish D

has successfully completed

Fundamentals of Machine Learning for Healthcare

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



Matthew Lungren
Associate Professor
Department of Radiology



Serena Yeung
Assistant Professor
Biomedical Data Science

COURSE
CERTIFICATE



Verify at:

coursera.org/verify/RTEQ9W5H6SMY

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 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.



8 Courses

Foundations: Data, Data, Everywhere

Ask Questions to Make Data-Driven Decisions

Prepare Data for Exploration

Process Data from Dirty to Clean

Analyze Data to Answer Questions

Share Data Through the Art of Visualization

Data Analysis with R Programming

Google Data Analytics Capstone: Complete a Case Study



Oct 10, 2023

Harish D

has successfully completed the online, non-credit Professional Certificate

Google Data Analytics

Those who earn the Google Data Analytics Professional Certificate have completed eight courses, developed by Google, that include hands-on, practice-based assessments and are designed to prepare them for introductory-level roles in Data Analytics. They are competent in tools and platforms including spreadsheets, SQL, Tableau, and R. They know how to prepare, process, analyze, and share data for thoughtful action.

Amanda Brophy
Global Director of
Google Career
Certificates

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:

<https://coursera.org/verify/professional-cert/DQ8Y99DWJYU7>



Externship Certificate

This is to certify that Harish D has successfully completed the externship program on Android Application Development with Kotlin **Powered by Google Developers** from 15 May 2023 to 7 July 2023 and fulfilled the project work requirements.

Certificate ID: Ext-2023-60430

July 25, 2023

Issued Date



Jayaprakash. Ch

Program Manager, SmartInternz



EDGE IMPULSE

Apr 19, 2024

Harish D

has successfully completed

Introduction to Embedded Machine Learning

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

Shawn Hymel
Instructor
Edge Impulse

AI & Blockchain Director, Learn2Launch
UC Berkeley

COURSE CERTIFICATE



Verify at:

<https://coursera.org/verify/FUVN9ZDKUW4>

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



Certificate no: UC-02c9f6be-eb65-4027-a2ee-7746789f1601

Certificate url: ude.my/UC-02c9f6be-eb65-4027-a2ee-7746789f1601

Reference Number: 0004

CERTIFICATE OF COMPLETION

PyTorch Ultimate 2024: From Basics to Cutting-Edge

Instructors **Bert Gollnick**

Harish D

Date **April 11, 2024**

Length **18.5 total hours**



Externship Certificate

This is to certify that Harish D has successfully completed the externship program on Android Application Development with Kotlin **Powered by Google Developers** from 15 May 2023 to 7 July 2023 and fulfilled the project work requirements.

Certificate ID: Ext-2023-60430

July 25, 2023

Issued Date



Jayaprakash. Ch

Program Manager, SmartInternz

CS50 Certificate

CS50 congratulates

Harish D

on completion of CS50's Introduction to Artificial
Intelligence with Python, including twelve projects.

Awarded from Cambridge, Massachusetts,
in the year two thousand twenty-four.

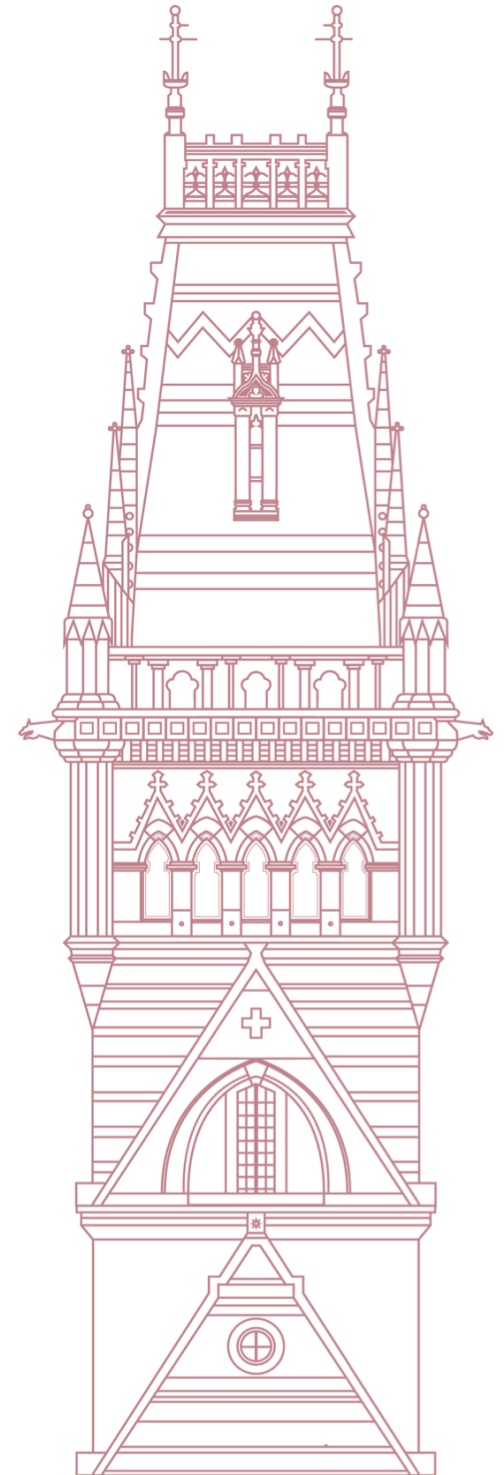


David J. Malan

Gordon McKay Professor of the Practice of Computer Science
Harvard University



<https://cs50.harvard.edu/certificates/ce5f9272-9448-4c82-bf3c-a6f53a5ab302>



CS50 Certificate

CS50 congratulates

Harish D

on completion of CS50's Introduction to Programming with
Python, including nine problem sets and one final project.

Awarded from Cambridge, Massachusetts,
in the year two thousand twenty-four.

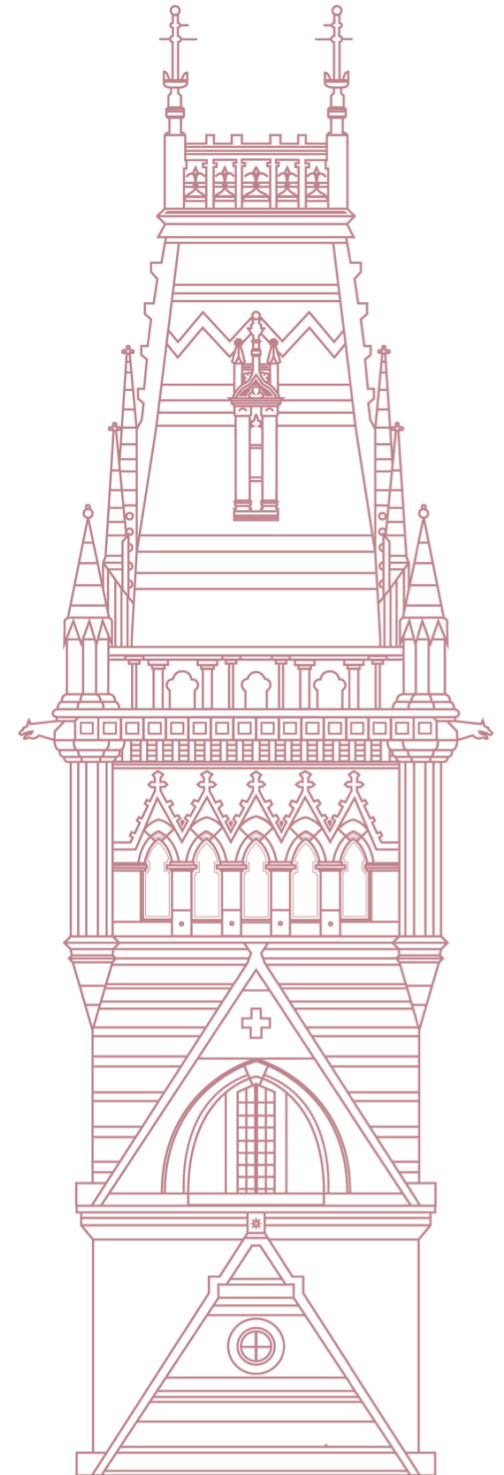


David J. Malan

Gordon McKay Professor of the Practice of Computer Science
Harvard University



<https://cs50.harvard.edu/certificates/7ec7ec72-9768-4f43-9b12-a2056988bba5>





VIT
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)
CHENNAI



HOSE OF
DEVELOPERS

Certificate of Achievement

This certificate serves to acknowledge

Team - Tensor Guys.

on behalf of Google Developers Student Club VIT Chennai & Fraternity of Young Innovators VIT Chennai
for their notable achievement of **winning the 'House of Developers' hackathon** held from
November 6th, 2022 to November 8th, 2022 in the Data Science track.

Dr. Milind Shrinivas Dangate
FYI VIT Chennai

Dr. Logesh R
GDSC VIT Chennai

Dr. Rajasekaran V
Director: Students Welfare

Dr. V S Kanchara Bhaskaran
Pro-Vice Chancellor



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Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)
CHENNAI



Certificate of Participation

This is to certify that Mr./Ms.Harish.D.....of
.....Vellore Institute of Technology, Chennai.....has
actively participated in the 2-days Pre-Workshop on **“Wired and Wireless Networks using
Netsimv13.2”** held on March 27-28, 2023 and also their team actively participated in
“8-hours Netsim Hackathon 2.0” organized by School of Electronics Engineering (SENSE)
on 7th April 2023 at Vellore Institute of Technology, Chennai.

T. Jayavignesh

Dr. Jayavignesh T
Faculty Coordinator

Sangeetha R.G

Dr. Sangeetha R.G
Faculty Coordinator

Hemanth C

Dr. Hemanth C
Faculty Coordinator

Susan Elias

Dr. Susan Elias
Dean, SENSE

VIT – A place to learn; A chance to grow



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Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)
CHENNAI



Certificate of Participation

This is to certify that Mr./Ms. *Harish.D*of
..... *Vellore Institute of Technology, Chennai*has
actively participated in the 12-hour Make-a-thon on “**Design of High-speed VLSI
Circuits using CADENCE™ EDA tools**” conducted by the Centre for Innovation and
Product Development (CIPD) & the Centre for Nanoelectronics and VLSI Design (CNVD),
on 5th November 2022 at Vellore Institute of Technology, Chennai.

Dr. A. Ravi Sankar
Faculty Coordinator

Dr. S. Umadevi
Faculty Coordinator

Dr. Reena Monica
Associate Dean-SENSE

Dr. Kanchana Bhaaskaran V S
Pro-Vice-Chancellor

VIT – A place to learn; A chance to grow

NOKIA



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CHENNAI



CERTIFICATE OF PARTICIPATION

This is to certify that Dr./Prof./Mr/Ms *HARISH.D* of
..... *VELLORE INSTITUTE OF TECHNOLOGY, CHENNAI* has
participated in the **Two Day Workshop on 5G IoT Market-Recent Trends and Forecasts**,
during 19th August and 22nd August, 2022 organized by Vellore Institute of Technology, Chennai,
in association with **Nokia Solutions and Networks India Pvt. Ltd., Chennai.**

P. Vijayakumar
Dr. P. Vijayakumar
Coordinator

M. Jagannath
Dr. M. Jagannath
Coordinator

Susan Elias
Dr. Susan Elias
Dean, SENSE

V.S. Kanchana Bhaaskaran
Dr. V.S. Kanchana Bhaaskaran
Pro-Vice Chancellor

VIT – A place to learn: A chance to grow



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)
CHENNAI



Certificate of Participation

HARISH D

Vellore Institute of Technology, Chennai

has participated in the "**Five Days Online Workshop on Arduino Programming**" conducted from 19-07-2021 to 23-07-2021 organized by **Dr B. Chanthini & Dr. V. Prakash** School of Electronics Engineering (SENSE) of Vellore Institute of Technology, Chennai.

This certificate is digitally generated for the Online Workshop on Arduino Programming and hence no signature is required.

IECD

Institute for Entrepreneurship and Career Development
BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI - 620 023

(Re-Accredited with 'A' Grade by NAAC)



SUITS
 School-University-Industry-Tie-up Scheme

**STATEMENT OF MARKS**

Folio No.:13SM8230

NAME OF THE CANDIDATE	HARISH D		
REGISTER NUMBER	13COA1589		
COURSE	CERTIFICATE IN OFFICE AUTOMATION		
CENTRE	VELAMMAL MATRIC. HR. SEC. SCHOOL, PONNERI		
SCHOOL CODE	037	COURSE CODE	COA

PAPER CODE	TITLE OF THE PAPER	APPEARED	MAX.MARKS		MARKS AWARDED		TOTAL	GRADE	RESULT
			I.A	U.E	I.A	U.E			
COA1	Office Automation - Theory	February,2014	40	60	36	33	69	A+	PASS
COA2	MS Office (Word & PowerPoint) - Practical-I	February,2014	40	60	40	59	99	S+	PASS
COA3	MS Office (Excel) - Practical-II	February,2014	40	60	40	59	99	S+	PASS
***** END OF STATEMENT *****									
Total Marks Out of 300							267		
CLASS		First Class with Distinction							

I.A - Internal Assessment. U.E - University Examination. ABS - Absent. PASS - I.A + U.E = 40 Marks

MARKS (I.A + U.E)	GRADE	CLASS
Above 95	S+	First Class with Exemplary
90-94	S	
85-89	D++	
80-84	D+	First Class with Distinction
75-79	D	
70-74	A++	
65-69	A+	First Class
60-64	A	
55-59	B+	Second Class
50-54	B	
45-49	C+	Third Class
40-44	C	
Below 40	R	Re Appear



Date: 13-03-2014

OFFICE SEAL

CO-ORDINATOR
 (Examination)

DIRECTOR
 IECD