

CS50 Certificate

CS50 congratulates

Karim Ghazy

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

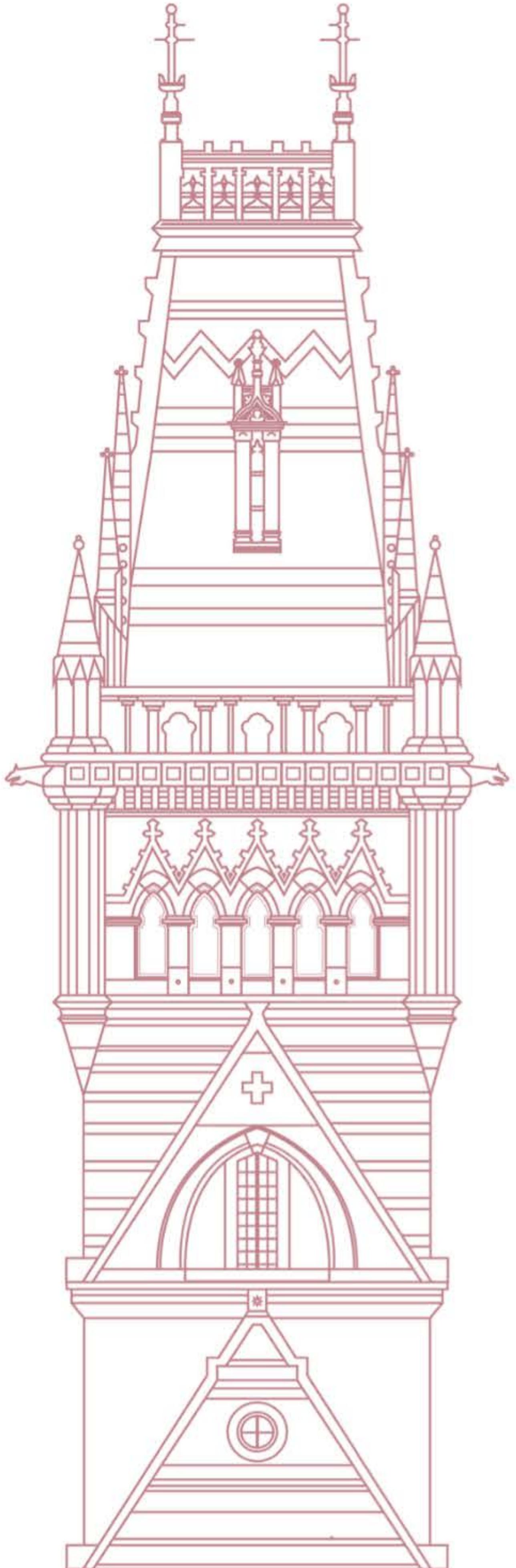
Awarded from Cambridge, Massachusetts,
in the year two thousand twenty-five.



David J. Malan
Gordon McKay Professor of the Practice of Computer Science
Harvard University



<https://cs50.harvard.edu/certificates/0070b67f-2416-4168-b4a9-f01164ff19e2>





STATEMENT OF ACCOMPLISHMENT

#42,750,068

HAS BEEN AWARDED TO

Karim Ghazy

FOR SUCCESSFULLY COMPLETING

Introduction to Python for Developers

LENGTH

3 HRS

COMPLETED ON

AUG 31, 2025

 datacamp

Jonathan Cornelissen
CEO, DataCamp

A handwritten black ink signature of Jonathan Cornelissen's name.



STATEMENT OF ACCOMPLISHMENT

#42,800,266

HAS BEEN AWARDED TO

Karim Ghazy

FOR SUCCESSFULLY COMPLETING

Intermediate Python for Developers



LENGTH

2 HRS

COMPLETED ON

AUG 31, 2025

 datacamp



Jonathan Cornelissen
CEO, DataCamp



Certificate

of Training

Hereby granted to

Karim Mahmoud Ahmed El Sayed

Who had successfully completed the summer training course of

Machine Learning

From 10 August to 04 September 2025

120 Hours

Technical Hours (90 hrs)

Freelancing Hours (30 hrs)

With Score : 97.5%

Student ID : 198482

A handwritten signature in blue ink that reads "Eng. Ahmed El Zaher".

Eng. Ahmed El Zaher
ITIDA - CEO

A handwritten signature in blue ink that reads "Prof. Ahmed Khattab".

Prof. Ahmed Khattab
NTI - Director



Certificate of Competency

This certificate is awarded to

Karim Ghazy

for demonstrating competence in the completion of

Getting Started with Deep Learning

A handwritten signature in black ink that reads "Ghazy a 500".

Greg Estes

Vice President, NVIDIA

Issue Date: : August 28, 2025

Certification ID: gfrNIPvVS4SZ5dN4zYPOOA



Certificate of Achievement

The 2025 ICPC ECPC Qualifications Collegiate Programming Contest Day 3

02 - 02 August 2025



Forty-fourth Place

University of Sadat City

Shahd Elgouhary

Karim Ghazy

abdelrahman gamgom

Mohamed Abd Alhameed Elattar, Coach

Asem Hisham, Co-coach

Ahmed Mabrouk Said, Co-coach

William B. Poucher, Ph. D.
ICPC Executive Director