

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.

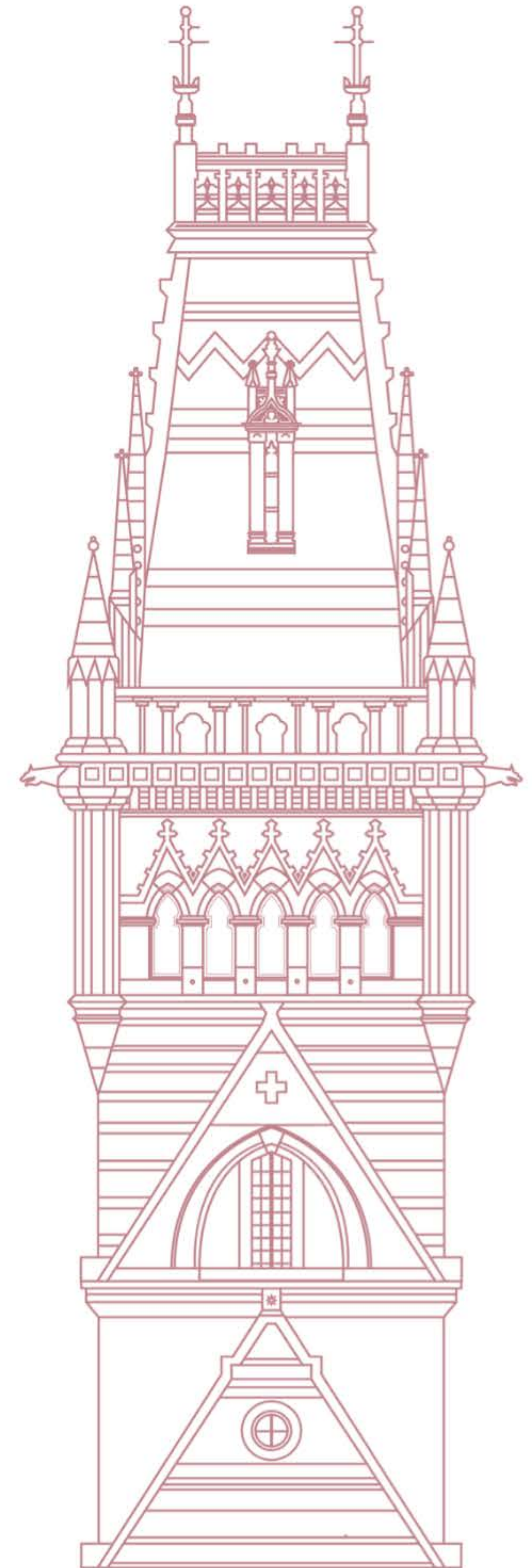


**David J. Malan**

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**



Jonathan Cornelissen  
CEO, DataCamp



# 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**



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



Eng. Ahmed El Zaher  
ITIDA - CEO



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**



Greg Estes

Vice President, NVIDIA

Issue Date: : August 28, 2025

Certification ID: gfrNIPvVS4S25dN4zYP00A



# 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