

# Twitter Thread by Hasan Toor ✨



**Hasan Toor** ✨

@hasantoxr



**Harvard University offers a ton of free online classes.**

**From Computer Science to Artificial Intelligence.**

**Here are 5 courses you don't want to miss:**

1. Introduction to Computer Science

This is the best course to start with CS.

You'll learn about all the basic concepts and fundamentals of programming to start into tech field.

■ <https://t.co/cPTPFJbBPI>

**CS50: Introduction to Computer Science**

An introduction to the intellectual enterprises of computer science and the art of programming.

**LEARN MORE** on

January 1, 2019 – December 31, 2022

**What you'll learn**

- A broad and robust understanding of computer science and programming
- How to think algorithmically and solve programming problems efficiently
- Concepts like abstraction, algorithms, data structures, encapsulation, resource management, security, software engineering, and web development
- Familiarity with a number of languages, including C, Python, SQL, and JavaScript plus CSS and HTML
- How to engage with a vibrant community of like-minded learners from all levels of experience
- How to develop and present a final programming project to your peers

<b>DURATION</b>	11 weeks long
<b>TIME COMMITMENT</b>	10 - 20 hours per week
<b>PACE</b>	Self-paced
<b>SUBJECT</b>	Programming
<b>COURSE LANGUAGE</b>	English
<b>VIDEO TRANSCRIPT</b>	English
<b>DIFFICULTY</b>	Introductory
<b>CREDIT</b>	Audit for Free Add a Verified Certificate for \$49

## 2. Introduction to Game Development

Learn about the development of 2D and 3D interactive games in this hands-on course.

This course will help you to explore the design of games such as Super Mario Bros., Pokémon, Angry Birds, and more.

■ <https://t.co/uSNS8u5hse>

The screenshot shows the Harvard University course page for 'CS50's Introduction to Game Development'. The page features a dark blue header with the Harvard University logo and a search bar. The main content area is divided into two columns. The left column contains the course title, a brief description, and a 'LEARN MORE' button. The right column contains a vertical list of 'CS50G' text and a 'LEARN MORE' button. Below the main content, there is a section titled 'What you'll learn' with a list of topics. A sidebar on the right provides course details such as duration, time commitment, pace, subject, course language, video transcript, and difficulty.

**CS50's Introduction to Game Development**

Learn about the development of 2D and 3D interactive games in this hands-on course, as you explore the design of games such as Super Mario Bros., Pokémon, Angry Birds, and more.

**LEARN MORE** on

June 30, 2018 – December 31, 2022

**What you'll learn**

- Principles of 2D and 3D graphics, animation, sound, and collision detection
- Unity and LOVE 2D
- Lua, C#
- Basics of game design and development

**LEARN MORE** on

**CS50G**

**CS50G**

**CS50G**

**CS50G**

**DURATION** 12 weeks long

**TIME COMMITMENT** 6 - 9 hours per week

**PACE** Self-paced

**SUBJECT** Programming

**COURSE LANGUAGE** English

**VIDEO TRANSCRIPT** English

**DIFFICULTY** Intermediate

## 3. Web Programming with Python and JavaScript

This course will help you to go deep into the design and programming concepts.

Learn about the implementation of web apps with Python, JavaScript, and SQL using frameworks like Django, React & Bootstrap.

■ <https://t.co/DemRj49O0l>

This course picks up where CS50 leaves off, diving more deeply into the design and implementation of web apps with Python, JavaScript, and SQL using frameworks like Django, React, and Bootstrap.

**LEARN MORE** on

Archived   Closing Soon   Free\*   Online

### What you'll learn

- HTML, CSS
- Git
- Python
- Django
- SQL, Models, and Migrations
- JavaScript

DURATION	12 weeks long
TIME COMMITMENT	6 - 9 hours per week
PACE	Self-paced
SUBJECT	Programming
DIFFICULTY	Intermediate
CREDIT	Audit for Free Add a Verified Certificate for \$199
PLATFORM	edX

#### 4. Mobile App Development with React Native

Learn about mobile app development.

React Native, a popular framework maintained by Facebook that enables cross-platform native apps using JavaScript without Java or Swift.

■ <https://t.co/4stZkyqVjT>

Learn about mobile app development with React Native, a popular framework maintained by Facebook that enables cross-platform native apps using JavaScript without Java or Swift.

**LEARN MORE** on

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### What you'll learn

- JavaScript
- ES6
- React, JSX
- Components, Props, State, Style
- Components, Views, User Input
- Debugging

DURATION	13 weeks long
TIME COMMITMENT	6 - 9 hours per week
PACE	Self-paced
SUBJECT	Programming
DIFFICULTY	Intermediate
CREDIT	Audit for Free Add a Verified Certificate for \$90
PLATFORM	edX

## 5. Introduction to Artificial Intelligence with Python

Learn to use machine learning in Python in this introductory course on artificial intelligence.

■ <https://t.co/uwoNh5YMXW>

The screenshot shows the Harvard University course page for CS50's Introduction to Artificial Intelligence with Python. The page features a dark blue header with the Harvard University logo and a search bar. The main content area is divided into two columns. The left column contains the course title, a brief description, and a 'LEARN MORE' button. The right column contains a grid of course titles and a table of course details. Below the main content, there is a 'What you'll learn' section with a list of topics and another 'LEARN MORE' button.

**CS50AI** **CS50AI** **CS50AI** **CS50AI**

DURATION	7 weeks long
TIME COMMITMENT	10 - 30 hours per week
PACE	Self-paced
SUBJECT	Computer Science
COURSE LANGUAGE	English
VIDEO TRANSCRIPT	English
DIFFICULTY	Introductory

**What you'll learn**

- Graph search algorithms
- Reinforcement learning
- Machine learning
- Artificial intelligence principles
- How to design intelligent systems
- How to use AI in Python programs

That's a wrap!

If you enjoyed this thread:

1. Follow me [@hasantoxr](#) for more of these
2. RT the tweet below to share this thread with your audience <https://t.co/8QpLdY0n9Z>

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— Hasan Toor \u272a (@hasantoxr) [November 1, 2022](#)