

## 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

**CS50x**

**CS50x**

**CS50x**

**CS50x**

**CS50x**

**DURATION** 11 weeks long

**TIME COMMITMENT** 10 - 20 hours per week

**PACE** Self-paced

**SUBJECT** Programming

**COURSE LANGUAGE** English

**VIDEO TRANSCRIPT** English

**DIFFICULTY** Introductory

**CREDIT** Audit for Free  
Add a Verified Certificate for \$499

## 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 CS50G Introduction to Game Development course page. The header includes the Harvard University logo, a search bar, and a 'VIEW ALL COURSES' button. The main title is 'CS50's Introduction to Game Development'. Below the title, a description states: '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.' A red 'LEARN MORE' button with an external link icon and the edX logo is present. The course dates are 'June 30, 2018 – December 31, 2022', and it is marked as 'Free' and 'Online'. A section titled 'What you'll learn' lists topics: 'Principles of 2D and 3D graphics, animation, sound, and collision detection', 'Unity and LOVE 2D', 'Lua, C#', and 'Basics of game design and development'. A sidebar on the right lists course details: 'DURATION: 12 weeks long', 'TIME COMMITMENT: 6 - 9 hours per week', 'PACE: Self-paced', 'SUBJECT: Programming', 'COURSE LANGUAGE: English', 'VIDEO TRANSCRIPT: English', and 'DIFFICULTY: Intermediate'. Another 'LEARN MORE' button is at the bottom left.

## 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>

The screenshot shows the Harvard University edX website. The header includes the Harvard University logo, a search bar, and a 'VIEW ALL COURSES' button. The main content area features the course title 'CS50's Web Programming with Python and JavaScript' with a description: '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.' Below this is a 'LEARN MORE' button and an 'edX' logo. A sidebar on the right lists course details: DURATION (12 weeks long), TIME COMMITMENT (6 - 9 hours per week), PACE (Self-paced), SUBJECT (Programming), DIFFICULTY (Intermediate), and CREDIT (Audit for Free, Add a Verified Certificate for \$199). The bottom section, 'What you'll learn', lists topics: HTML, CSS, Git, Python, Django, SQL, Models, and Migrations, and JavaScript. A filter bar at the bottom shows 'Archived', 'Closing Soon', 'Free', and 'Online' options.

#### 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>

The screenshot shows the Harvard University edX website. The header includes the Harvard University logo, a search bar, and a 'VIEW ALL COURSES' button. The main content area features the course title 'CS50's Mobile App Development with React Native' with a description: '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.' Below this is a 'LEARN MORE' button and an 'edX' logo. A sidebar on the right lists course details: DURATION (13 weeks long), TIME COMMITMENT (6 - 9 hours per week), PACE (Self-paced), SUBJECT (Programming), DIFFICULTY (Intermediate), and CREDIT (Audit for Free, Add a Verified Certificate for \$90). The bottom section, 'What you'll learn', lists topics: JavaScript, ES6, React, JSX, Components, Props, State, Style, Components, Views, User Input, and Debugging. A filter bar at the bottom shows 'Archived', 'Closing Soon', 'Free', and 'Online' options.

## 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 website for the CS50's Introduction to Artificial Intelligence with Python course. The header includes the Harvard University logo, a search bar, and a 'VIEW ALL COURSES' button. The main content area features the course title 'CS50's Introduction to Artificial Intelligence with Python' and a description: 'Learn to use machine learning in Python in this introductory course on artificial intelligence.' Below this is a 'LEARN MORE' button with an external link icon and the edX logo. To the right, there is a green graphic with the text 'CS50AI' repeated four times and a tic-tac-toe grid. Below the main content, there is a section titled 'What you'll learn' with a list of topics: Graph search algorithms, Reinforcement learning, Machine learning, Artificial intelligence principles, How to design intelligent systems, and How to use AI in Python programs. To the right of this list is a table with course details: DURATION (7 weeks long), TIME COMMITMENT (10 - 30 hours per week), PACE (Self-paced), SUBJECT (Computer Science), COURSE LANGUAGE (English), VIDEO TRANSCRIPT (English), and DIFFICULTY (Introductory). At the bottom, there is a 'LEARN MORE' button with an external link icon and the edX logo.

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](#)