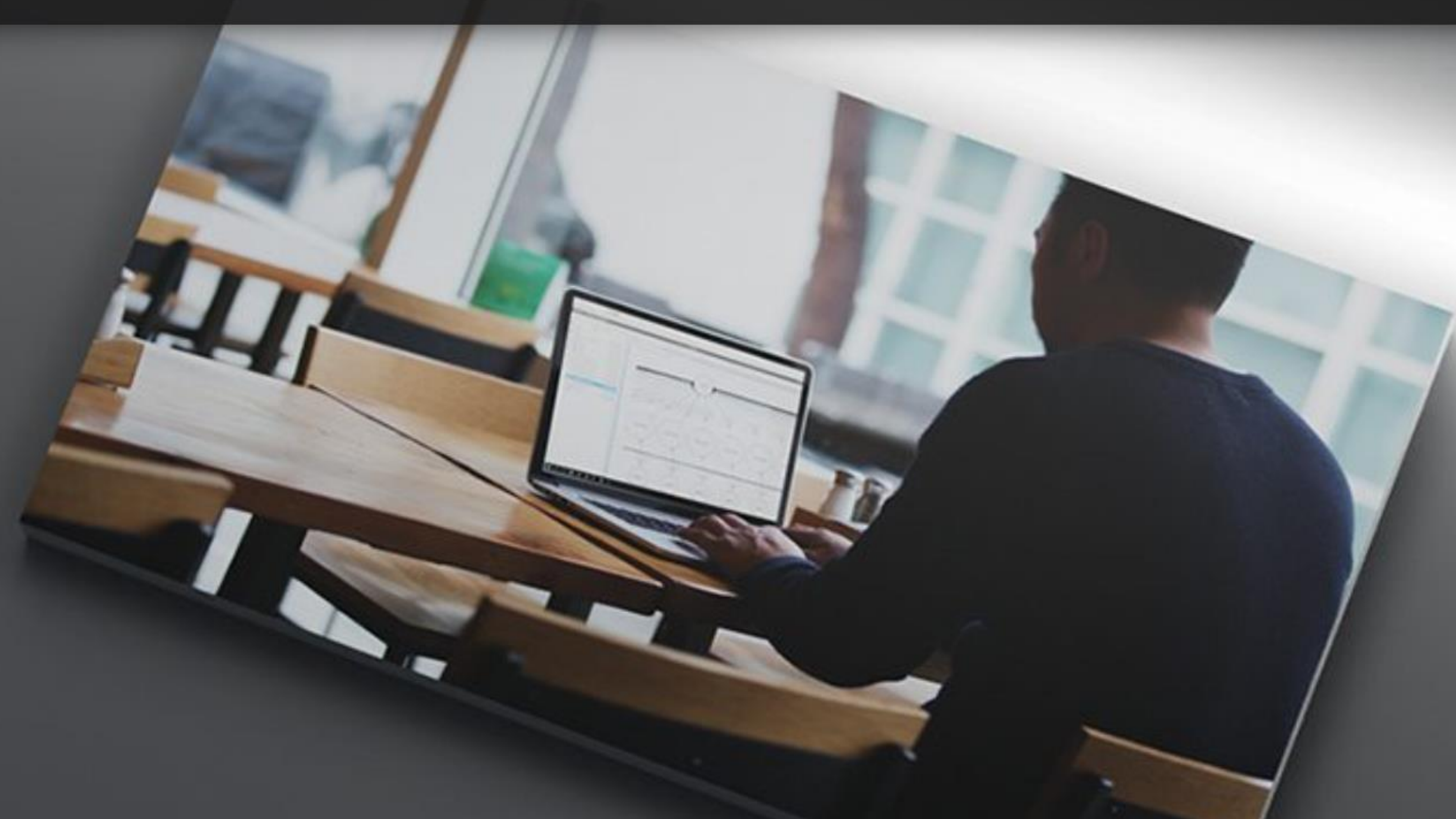


# 在线自主培训

时下热门课程，边学边练，自由掌握学习进度

[新用户注册领取课程](#)

[查看课程领取说明](#)



## 注册流程图文说明

当您**第一次注册** NVIDIA 开发者计划时，**可以免费领取任意一门价值 30 或 90 美元的 DLI 自学课程**

# 第一步 注册以获取免费课程 - PC 端

# 第一步 注册以获取免费课程

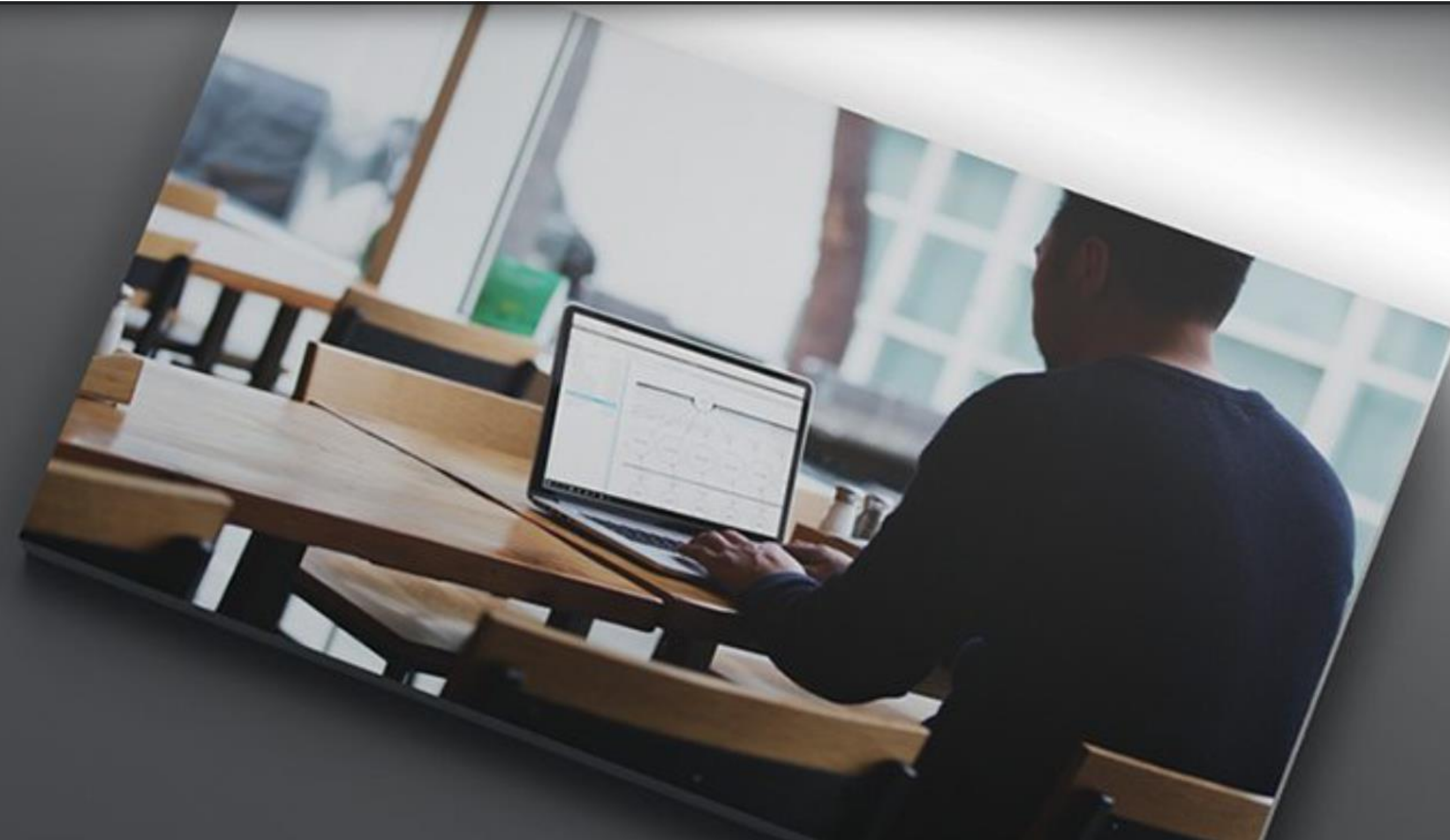
1. 使用 Chrome 或 Firefox 浏览器，关闭电脑管家类软件，关闭 VPN
2. 务必从如下网页链接开始，并点击“**领取我的课程**”，开始注册流程 <https://www.nvidia.cn/training/online/>

## 在线自主培训

时下热门课程，边学边练，自由掌握学习进度

**新用户注册领取课程**

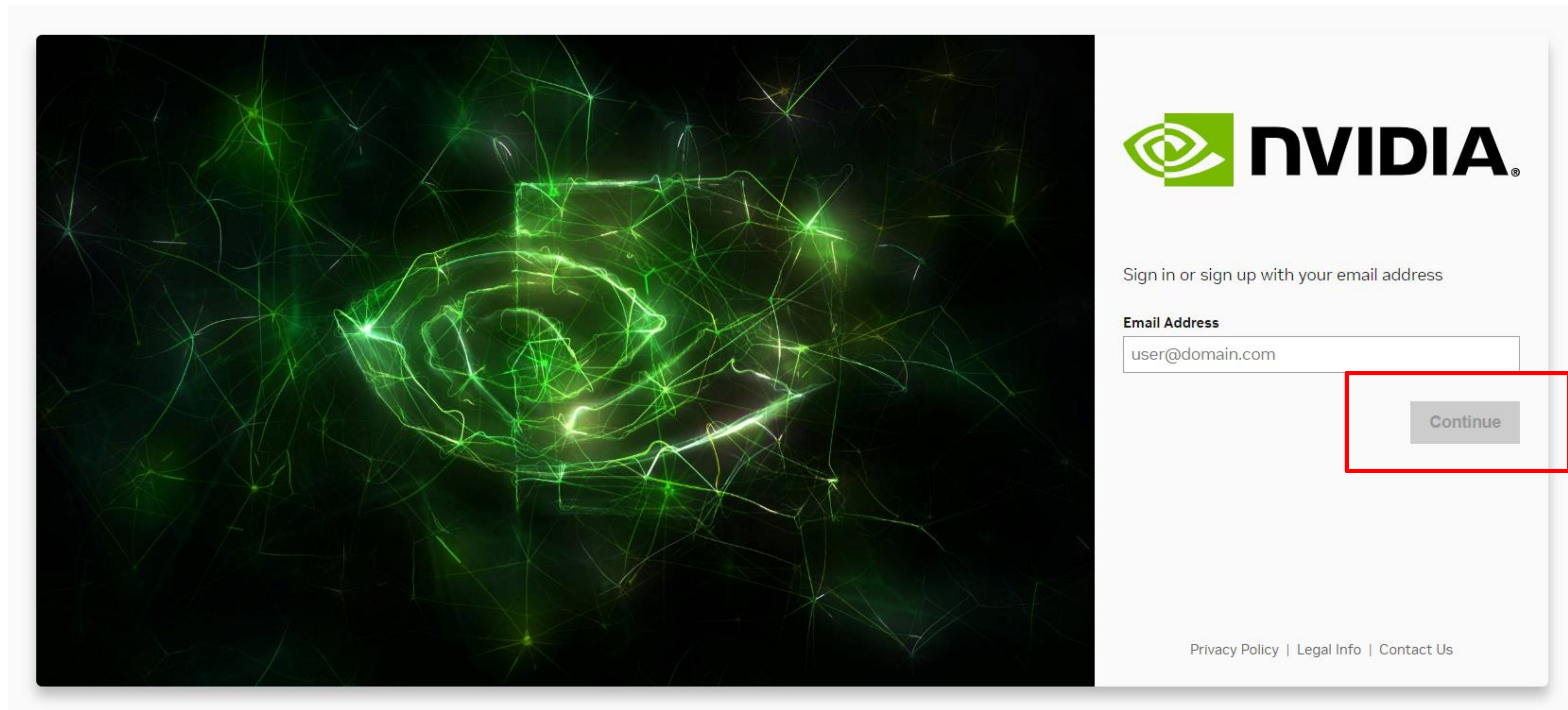
[查看课程领取说明](#)




# 第一步 注册以获取免费课程

- 3. 请输入您的邮箱，点击 Continue

只有未曾注册过 NVIDIA 任何系统的邮箱账号，才可以获得免费课程





Sign in or sign up with your email address

Email Address


user@domain.com

Continue

[Privacy Policy](#) | [Legal Info](#) | [Contact Us](#)

# 第一步 注册以获取免费课程

请注意：如果您已领取过福利课程，即显示无法领取课程的页面。

 **NVIDIA DEVELOPER** DEEP LEARNING INSTITUTE REGISTERED DEVELOPER

SORRY, WE CAN'T FULFILL YOUR REQUEST.

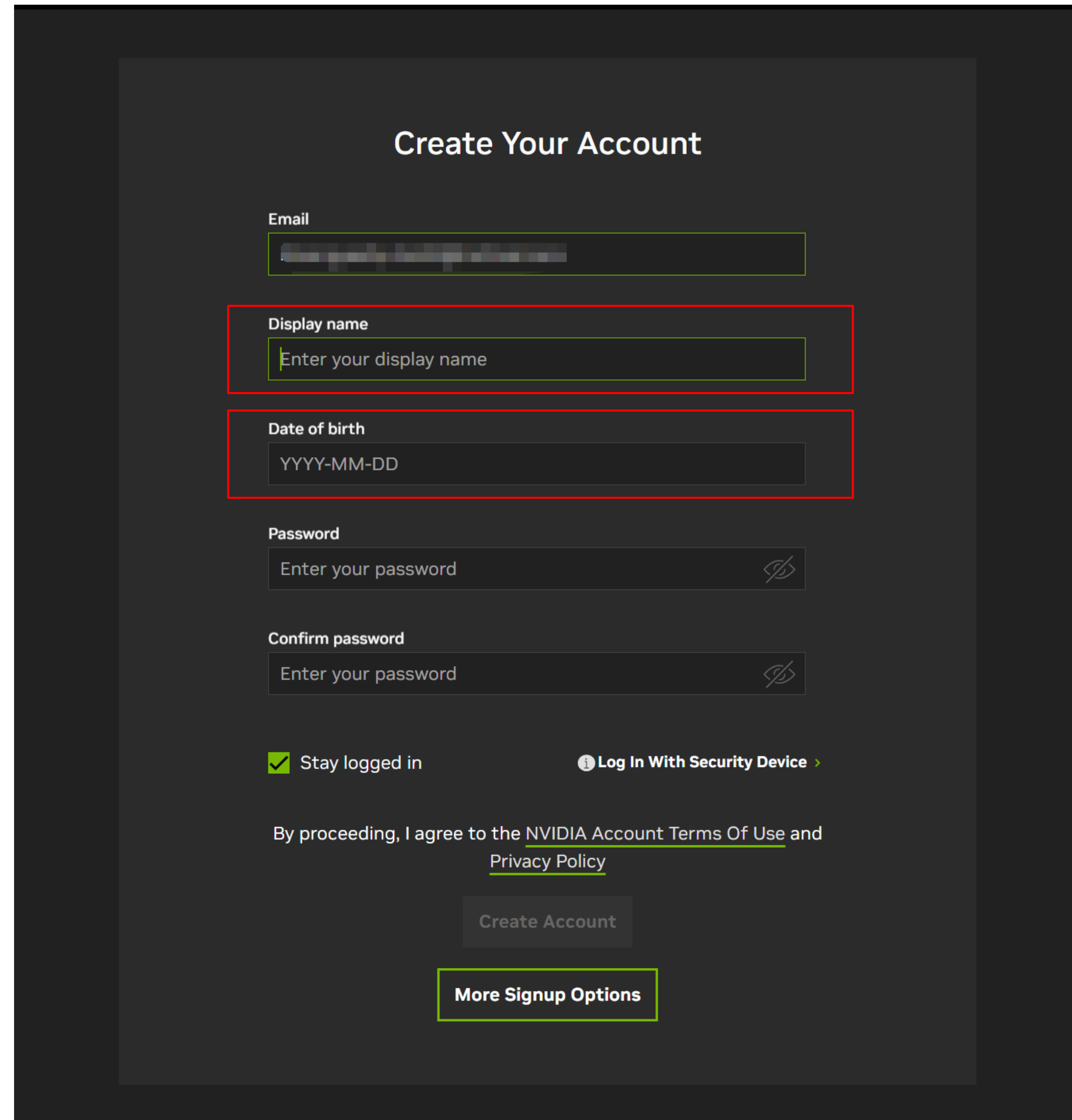
This could be because you have already claimed a free training course from us.

You will be automatically redirected, or [you can redirect immediately](#).

If you think we made a mistake, please [contact us](#).

# 第一步 注册以获取免费课程

- 4. 填写注册信息
- 5. 阅读隐私政策授权条款
- 6. 点击 **Create Account**



The screenshot shows the 'Create Your Account' form on a dark background. The form includes the following fields and options:

- Email:** A text input field with a placeholder email address.
- Display name:** A text input field with the placeholder 'Enter your display name'. This field is highlighted with a red border.
- Date of birth:** A text input field with the placeholder 'YYYY-MM-DD'. This field is also highlighted with a red border.
- Password:** A text input field with the placeholder 'Enter your password' and a visibility toggle icon.
- Confirm password:** A text input field with the placeholder 'Enter your password' and a visibility toggle icon.
- Stay logged in
- Log In With Security Device >
- By proceeding, I agree to the [NVIDIA Account Terms Of Use](#) and [Privacy Policy](#).
- Create Account** button (disabled).
- More Signup Options** button (highlighted with a green border).

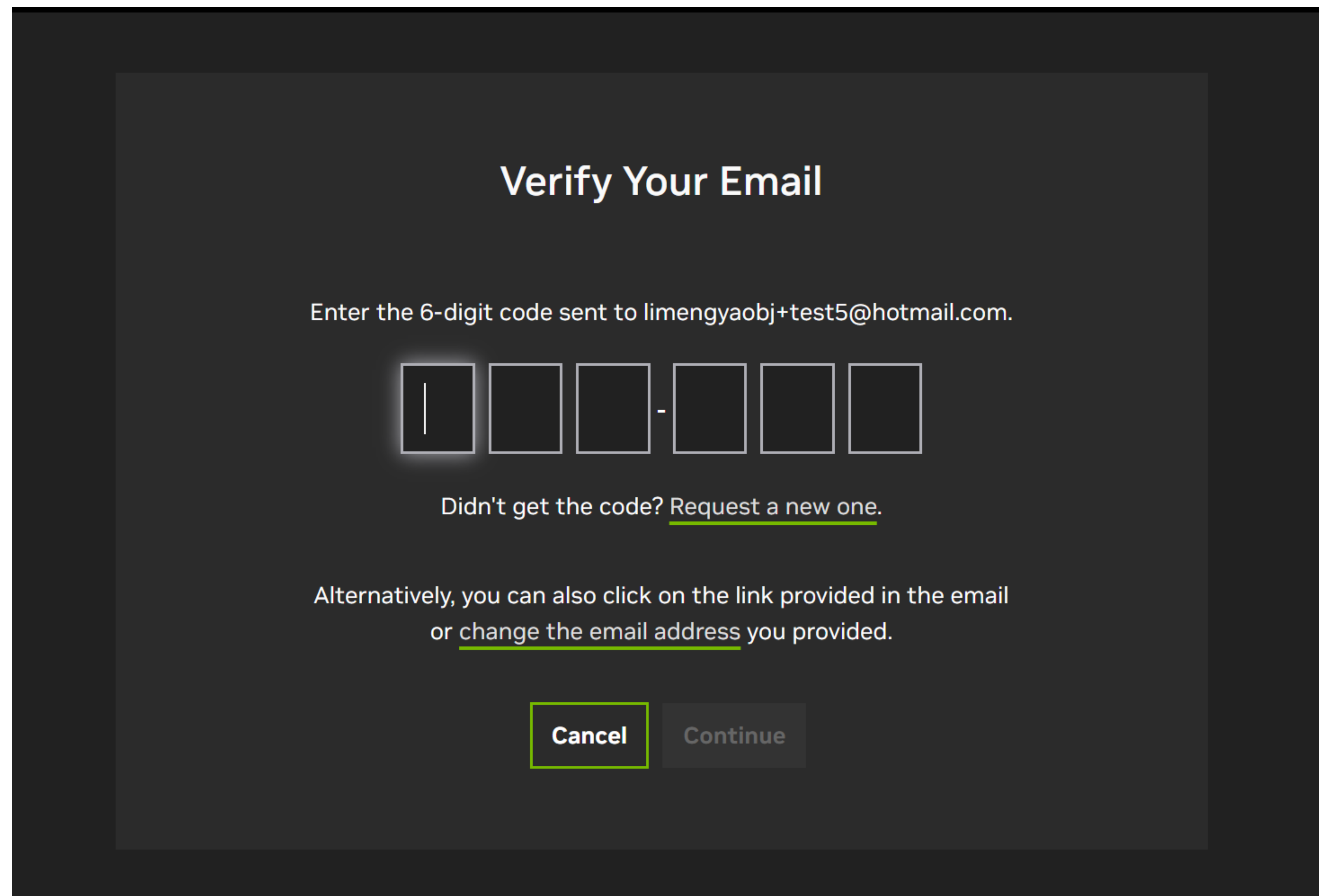
用户名请用**字母和数字组合**，请勿包含空格、中文字和符号写注册信息

仅限 **18 岁以上**人士注册

# 第一步 注册以获取免费课程

- 7. 在您的邮箱中，找到验证邮件，输入 6 位验证码，或点击 [this link](#)，确认注册。如未收到确认邮件，请检查垃圾邮件箱。

邮件标题: [NVIDIA Account Created](#)  
发件人: [NVIDIA Accounts <account@nvidia.com>](#)



**Verify Your Email**

Enter the 6-digit code sent to limengyaobj+test5@hotmail.com.

□ □ □ - □ □ □

Didn't get the code? [Request a new one.](#)

Alternatively, you can also click on the link provided in the email or [change the email address](#) you provided.

[Cancel](#) [Continue](#)



## NVIDIA Account

Your verification code is:

**296-611**

This verification code will expire in 15 minutes.

Having trouble with the code? Use [this link](#) instead.

Upon verification, return to the original page and complete your profile.

You received this email because NVIDIA requires verification of the email address used to create an NVIDIA Account. If you did not create an NVIDIA Account, contact [NVIDIA Customer Care](#) for further assistance.

[Manage Preferences](#) | [Contact Us](#) | [Privacy Center](#)

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NVIDIA Corporation, 2788 San Tomas Expressway, Santa Clara, CA 95051.

# 第一步 注册以获取免费课程

- 8. 页面自动跳转，按需点击勾选，点击 **Submit**

## Privacy

### Almost done!

Please confirm the information below to complete the registration

#### Recommendation Settings

- Yes, recommend content that I might enjoy based on how I engage with NVIDIA's websites, software, and events.

#### Be the first to learn about new SDKs, developer tools and training

- Send me the latest developer news, announcements, and more from NVIDIA. I can unsubscribe at any time.

We promise to protect your privacy. You can change your settings anytime at [privacy.nvidia.com](https://privacy.nvidia.com)

**Submit**



# 第一步 注册以获取免费课程

- 9. 补充信息，阅读 NVIDIA 培训服务条款，完成后点击 **Submit**

\* 为必填项

组织名称若下拉菜单中未出现，点击Create XXX

选择 1-3 项，  
最多 3 项

The screenshot shows the NVIDIA registration form. At the top is the NVIDIA logo. Below it is the heading "Edit Your Profile". The form contains several fields: "First Name\*", "Last Name\*", "Job Role\*" (a dropdown menu with "Select One"), "Organization / University Name\*" (a dropdown menu with "Company Name" and a "Create 'Company Name'" button highlighted in red), "Organization URL", "Industry\*" (a dropdown menu with "Select One"), and "Location\*" (a dropdown menu with "Hong Kong"). Below these fields is a section titled "Development Areas of Interest (Select 1-3)\*" with a grid of checkboxes for various categories: AR / VR, Computer Vision / Video Analytics, Content Creation / Rendering, Conversational AI, Cybersecurity, Data Center / Cloud, Data Science, Edge Computing, Generative AI / LLMs, Networking, Recommenders / Personalization, Robotics, Simulation / Modeling / Design, and Other. A red box highlights this entire section. At the bottom of the form, there is a link to the "NVIDIA Preference Center" and a checkbox for "Please review and accept the following agreements." with two links: "1. NEW: NVIDIA Training Services Terms and Conditions" and "2. NEW: NVIDIA Technology Terms of Use". A red box highlights the "Submit" button at the bottom right.

# 第一步 注册以获取免费课程

- 10. 点击课程名称，查看介绍。右上角切换语言。不同的语言选择对应不同的课程。列表所有课程均为中文付费课程。您可在此**免费**选取一门。完成后点击**继续 / Continue**

NVIDIA DEVELOPER DEEP LEARNING INSTITUTE PROGRAM BENEFITS

### 选择可以免费学习的 DLI 课程

Thank you for your participation in the NVIDIA Developer Program. Please select your free DLI course below.

Simplified Chinese

- 使用 CUDA 加速 C/C++ 应用
- 使用 CUDA 加速 Python 应用
- 深度学习新手入门
- 为大规模推理部署模型
- 图神经网络入门
- 使用 LLaMA-2 进行提示工程
- 构建实时视频 AI 应用
- 使用 Isaac Sim 实现机器人仿真入门
- Omniverse 中的 USD 使用要点: Access Expires 09/23/2025
- No Thanks

**使用 CUDA 加速 C/C++ 应用**  
CUDA 入门必修课  
有培训证书  
课程时长 08:00

继续 >

NVIDIA DEVELOPER DEEP LEARNING INSTITUTE PROGRAM BENEFITS

### SELECT YOUR FREE COURSE.

Thank you for your participation in the NVIDIA Developer Program. Please select your free DLI course below.

English

- Modeling Time Series Data with Recurrent Neural Networks in Keras (Access ends 10/16/2024)
- Optimizing CUDA Machine Learning Codes With Nsight Profiling Tools
- Getting Started with Accelerated Computing in CUDA C/C++
- Fundamentals of Accelerated Computing with CUDA Python
- Fundamentals of Accelerated Computing with OpenACC
- Integrating Sensors with NVIDIA DRIVE®
- Getting Started with Deep Learning
- Deploying a Model for Inference at Production Scale
- Get Started with Highly Accurate Custom ASR for Speech AI

**Modeling Time Series Data with Recurrent Neural Networks in Keras (Access ends 10/16/2024)**  
Explore how to classify and forecast time series data, such as modeling a patient's health over time, using recurrent neural networks (RNNs).  
Duration: 02:00

Continue >

# 第一步 注册以获取免费课程

- 11. 页面自动跳转，已选课程出现在“Courses in Progress”中，点击课程开始学习

The screenshot shows the NVIDIA Learn website interface. The browser address bar displays 'learn.nvidia.com/my-learning'. The page header includes the NVIDIA logo and navigation links for Products, Solutions, Industries, and For You. Below the header is a navigation menu for the Deep Learning Institute, listing options like Find Training, Self Paced Courses, Instructor-Led Workshops, Educator Programs, Enterprise Solutions, Certification, and Resources. A search bar is located below the navigation menu. The main content area is divided into three columns: 'Monthly Activity', 'Skills', and 'Certificates'. The 'Monthly Activity' column shows a table with metrics: Skill Points, Time Spent, Courses in Progress (1), Courses Completed (0), Watched Videos, and Assessments. The 'Skills' column is currently empty. The 'Certificates' column displays the message 'No Certificates. You don't have any certificates yet.' Below these columns is a section titled 'Courses in Progress', which is highlighted with a red rectangular box. This section contains a single course card for 'Self-paced' learning, titled '构建实时视频 AI 应用' (Building Real-time Video AI Applications). The course card shows a progress bar at 0% Completed and a duration of 08:00.

learn.nvidia.com/my-learning

NVIDIA Products Solutions Industries For You Shop Drivers Support

Deep Learning Institute Find Training Self Paced Courses Instructor-Led Workshops Educator Programs Enterprise Solutions Certification Resources

Search

**Monthly Activity**

Skill Points	
Time Spent	
Courses in Progress	1
Courses Completed	0
Watched Videos	
Assessments	

**Skills**

**Certificates**

No Certificates  
You don't have any certificates yet.

**Courses in Progress**

Self-paced  
构建实时视频 AI 应用

0% Completed  
08:00

NVIDIA

**第一步 注册以获取免费课程 - 手机端**

# 第一步 注册以获取免费课程

1. 微信扫描/识别二维码，点击进入网页 <https://www.nvidia.cn/training/online/>
2. 务必从如下网页链接开始，并点击“**领取我的课程**”，开始注册流程



如果您需要自主掌控学习时间和进度的课程，或者希望团队成员都能利用这种便捷的学习方式，可以选择“在线自主培训”课程。课件中配有详细的图文说明、讲解视频（部分）和完全配置的

# 第一步 注册以获取免费课程

- 3. 请输入您的邮箱，点击 继续

只有未曾注册过 NVIDIA 任何系统的邮箱账号，才可以获得免费课程



The screenshot shows the NVIDIA registration interface. At the top, there is a browser window header with 'NVIDIA' and a close button. Below the header is the NVIDIA logo. The main content area contains the text '使用您的电子邮件地址登录或注册' (Log in or register with your email address). Underneath, there is a label '电子邮件地址' (Email address) and an input field containing 'user@domain.com'. A red box highlights the '继续' (Continue) button located below the input field.

# 第一步 注册以获取免费课程

- 4. 填写注册信息
- 5. 阅读隐私政策授权条款
- 6. 点击 **Create Account**

用户名请用**字母和数字组合**，  
请勿包含空格、中文字和符  
号写注册信息

仅限 **18 岁以上**人士注册

使用 NVIDIA 账户登录

NVIDIA

### 创建您的帐户

电子邮件

显示名称

出生日期

密码

确认密码

保持登录

我是人类

使用 NVIDIA 账户登录

电子邮件

显示名称

出生日期

密码

确认

ZH

检查

创建账户

更多注册选项

# 第一步 注册以获取免费课程

- 7. 在您的邮箱中，找到验证邮件，输入 6 位验证码，或点击[此链接](#)，确认注册。如未收到确认邮件，请检查垃圾邮件箱。

邮件标题：NVIDIA Account Created

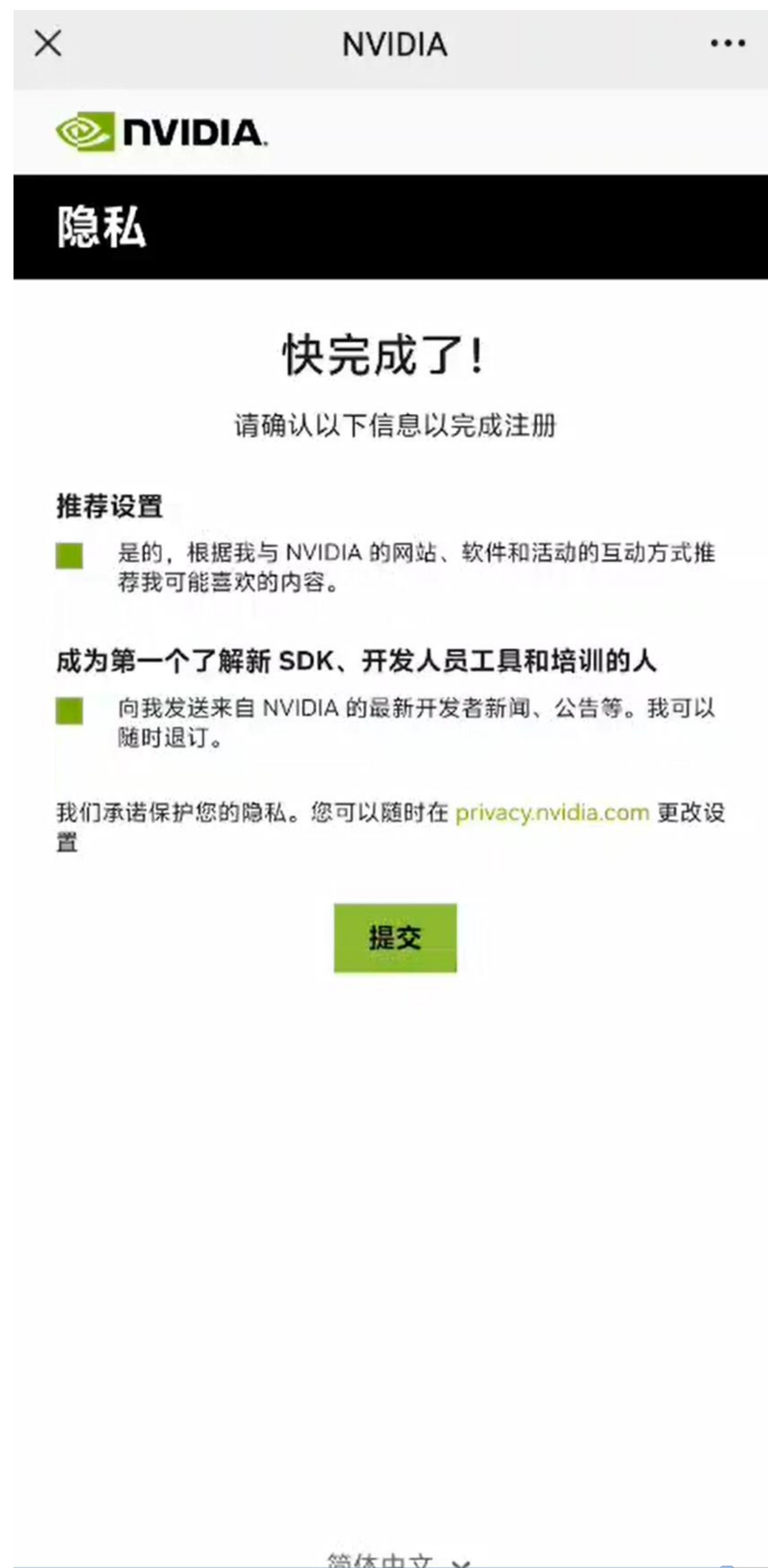
发件人：NVIDIA Accounts <account@nvidia.com>





# 第一步 注册以获取免费课程

- 8. 页面自动跳转，按需点击勾选，点击 **Submit**



The screenshot shows a web browser window with the NVIDIA logo in the top left. Below the logo is a black bar with the Chinese characters '隐私' (Privacy). The main content area features a large green heading '快完成了!' (Almost done!) followed by the text '请确认以下信息以完成注册' (Please confirm the following information to complete registration). There are two sections with green checkboxes: '推荐设置' (Recommended settings) and '成为第一个了解新 SDK、开发人员工具和培训的人' (Be the first to know about new SDK, developer tools and training). Both checkboxes are checked. At the bottom, there is a green button labeled '提交' (Submit). A footer at the bottom of the page shows '简体中文' (Simplified Chinese) with a dropdown arrow.

# 第一步 注册以获取免费课程

- 9. 补充信息，阅读 NVIDIA 培训服务条款，完成后点击 **Submit**

\* 为必填项

组织名称若下拉菜单中未出现，点击Create XXX

Deep Learning Institute registration

**NVIDIA**

### Edit Your Profile

First Name\*

Last Name\*

Job Role\*

Organization / University Name\*

Organization URL

Industry\*

Location\*

Development Areas of Interest (Select 1-3)\*

- AR / VR
- Computer Vision / Video Analytics
- Content Creation / Rendering
- Conversational AI
- Cybersecurity
- Data Center / Cloud
- Data Science
- Edge Computing
- Generative AI / LLMs
- Networking
- Recommenders / Personalization
- Robotics
- Simulation / Modeling / Design
- Other

Send me the latest developer news, announcements, and more from NVIDIA. I can unsubscribe at any time.

Please review and accept the following agreements.

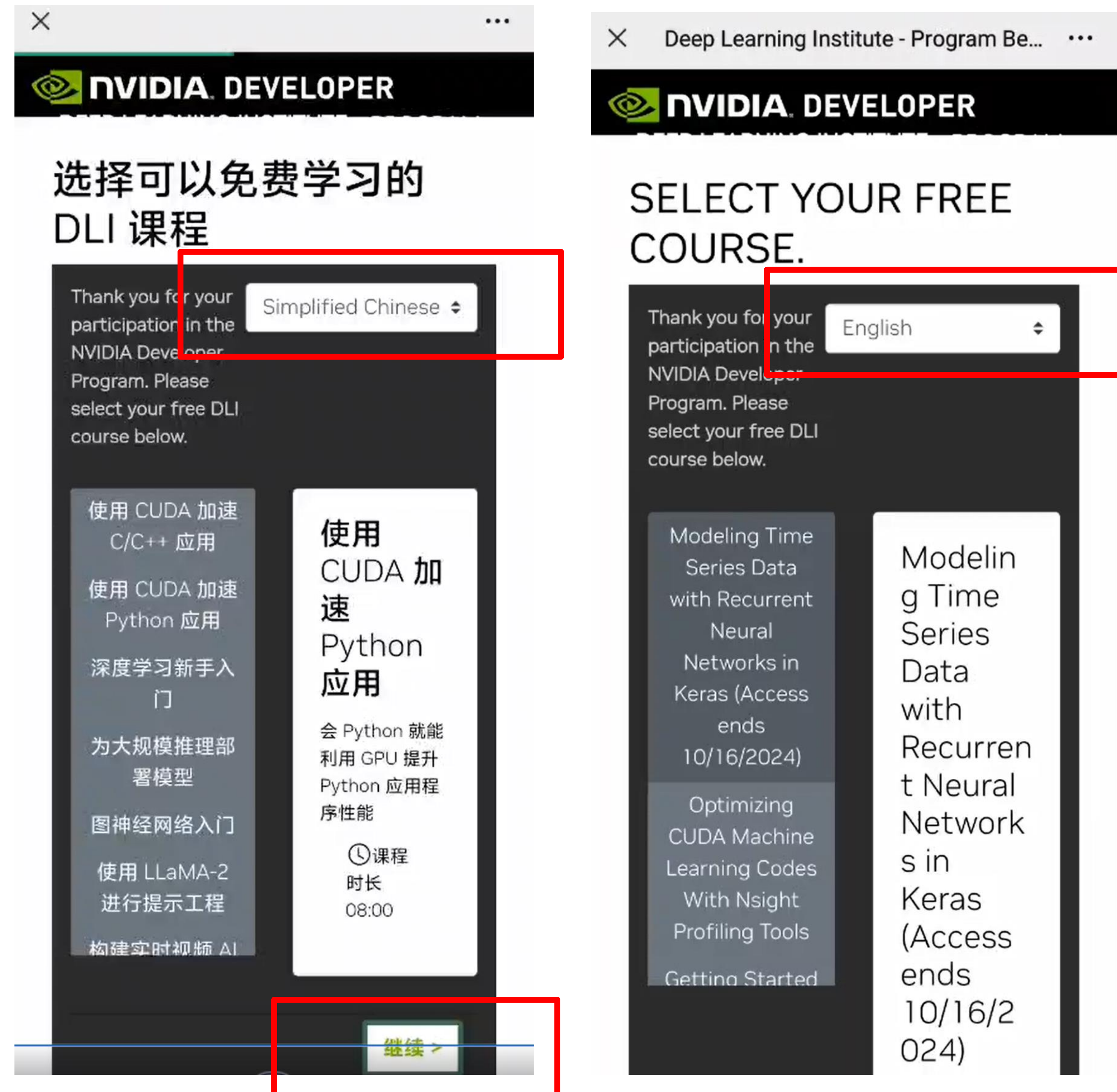
- NEW: NVIDIA Training Services Terms and Conditions
- NEW: NVIDIA Technology Terms of Use

**Submit**

选择 1-3 项，  
最多 3 项

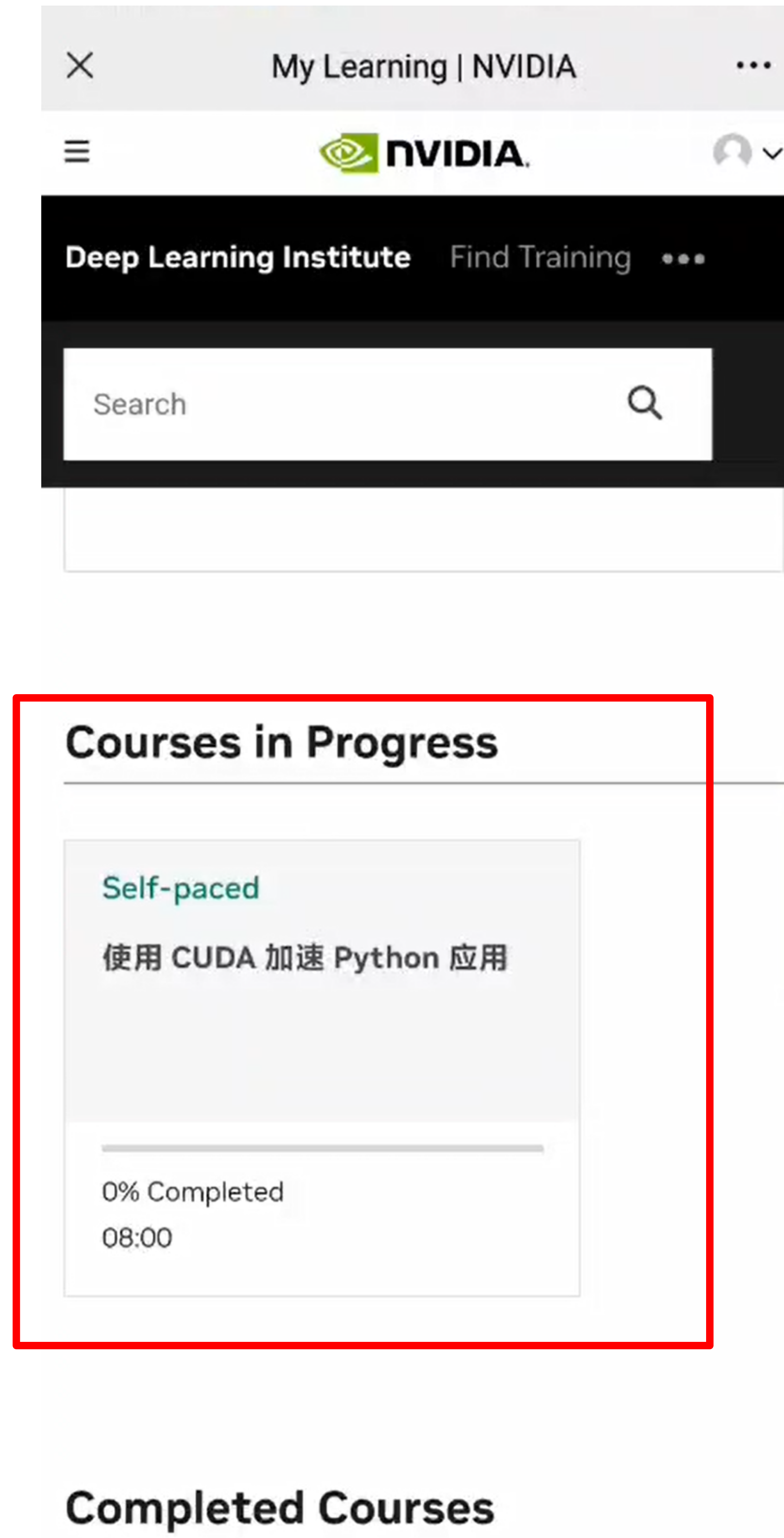
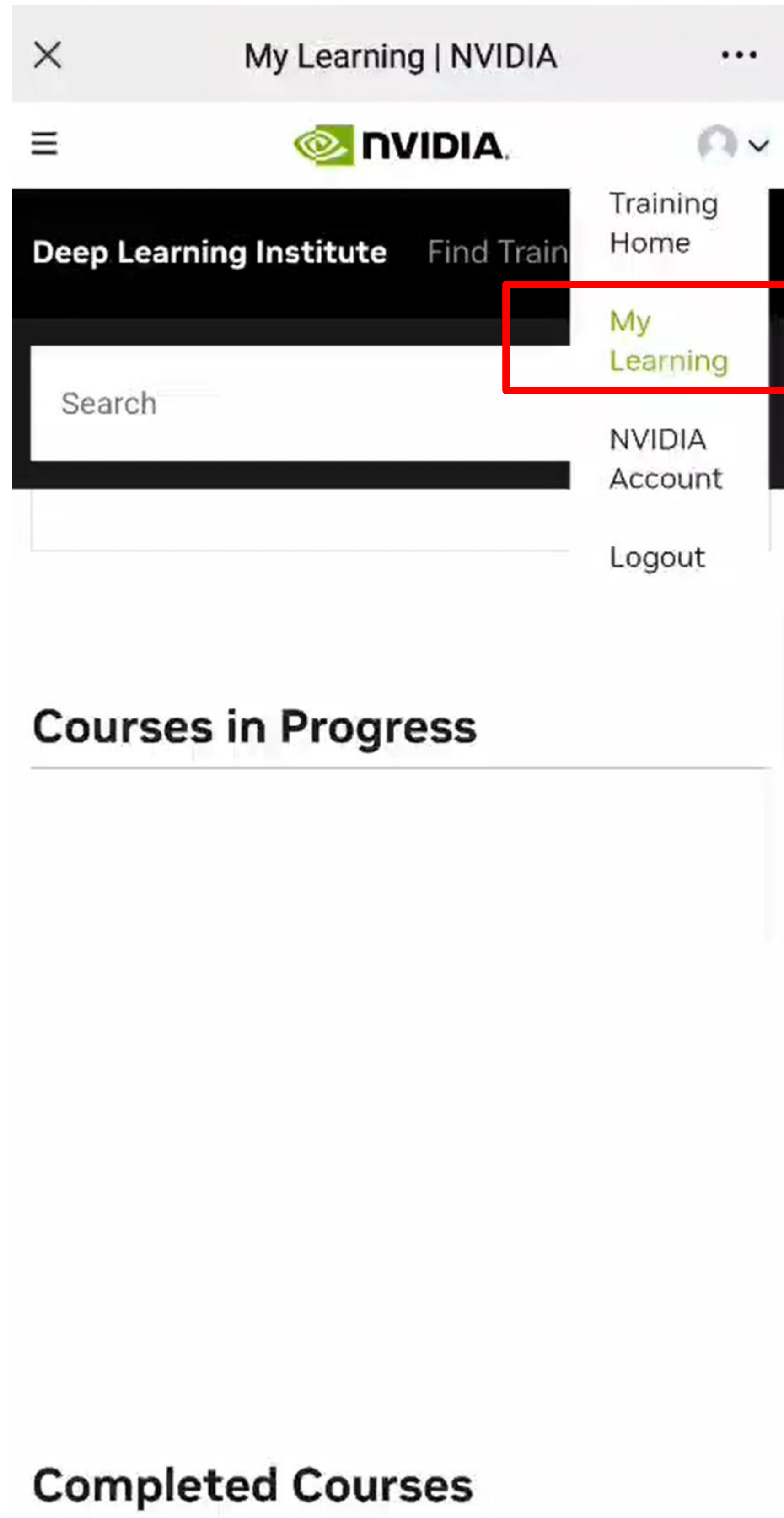
# 第一步 注册以获取免费课程

- 10. 点击课程名称，查看介绍。右上角切换语言。不同的语言选择对应不同的课程。列表所有课程均为中文付费课程。您可在此**免费**选取一门。完成后点击**继续 / Continue**



# 第一步 注册以获取免费课程

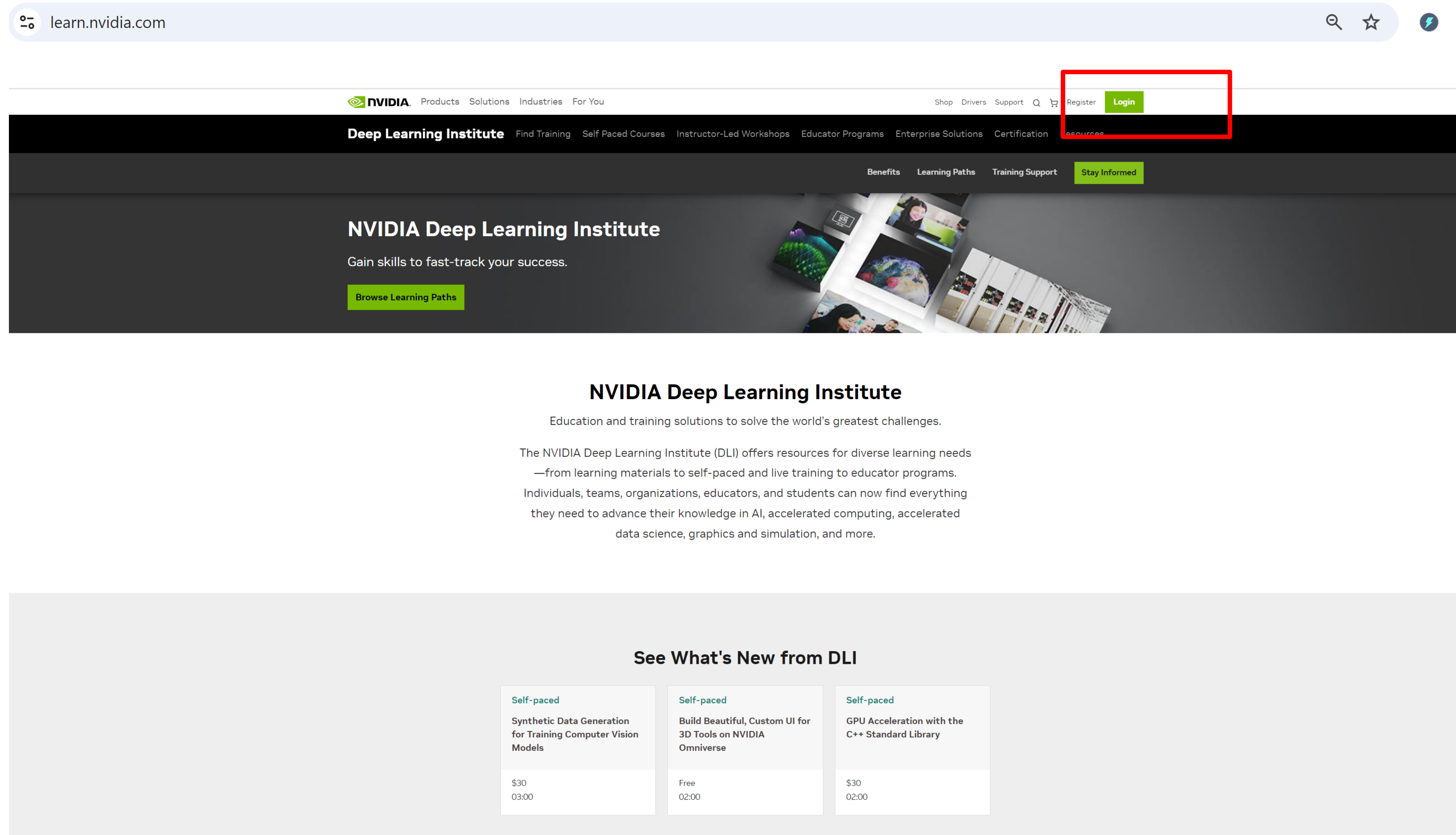
- 11. 页面自动跳转，点击右上角头像下方的 **My Learning**，已选课程出现在“Courses in Progress”中，点击课程开始学习



## 第二步 学习免费获得的 NVIDIA DLI 课程

# 第二步 学习免费获得的 NVIDIA DLI 课程

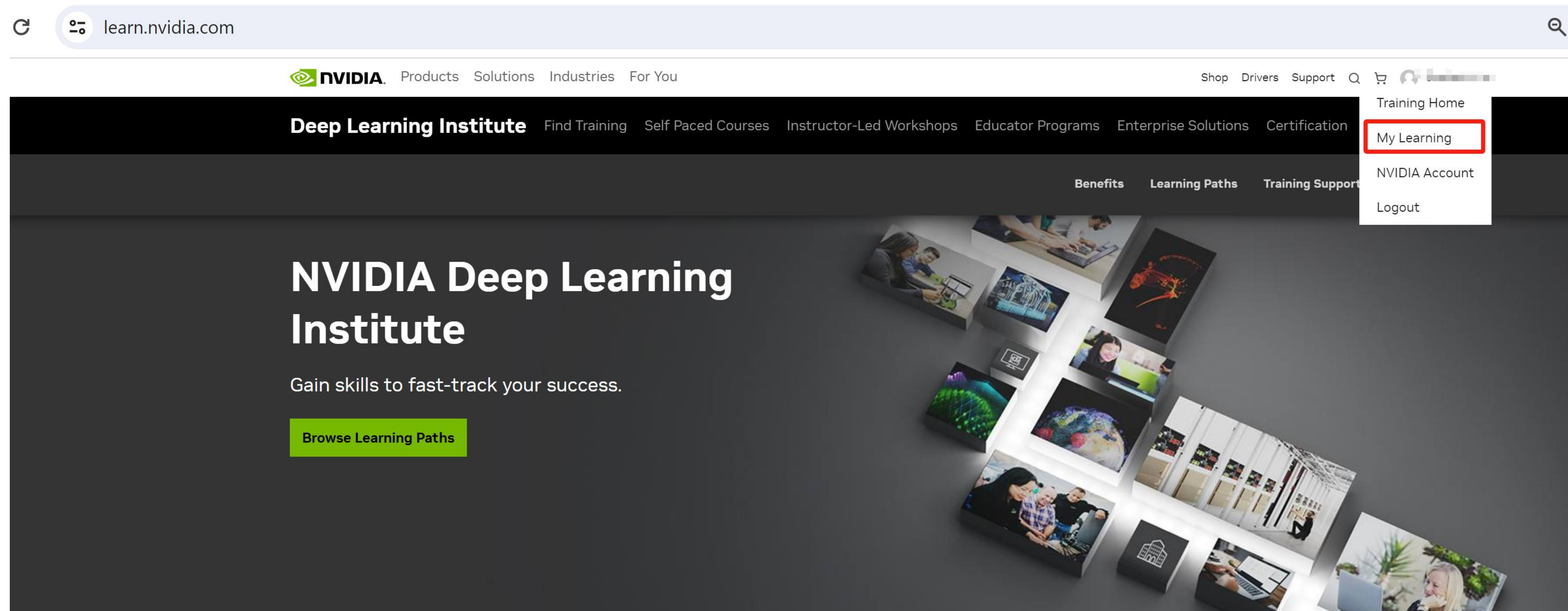
- 1. 打开 <https://learn.nvidia.com> 点击 Login, 输入邮箱登陆。



The screenshot shows the NVIDIA Deep Learning Institute website. The browser address bar displays [learn.nvidia.com](https://learn.nvidia.com). The website header includes the NVIDIA logo and navigation links such as Products, Solutions, Industries, For You, Shop, Drivers, Support, Register, and Login. The Login button is highlighted with a red rectangle. Below the header, the main content area features the text "NVIDIA Deep Learning Institute" and "Gain skills to fast-track your success." with a "Browse Learning Paths" button. Further down, there is a section titled "NVIDIA Deep Learning Institute" with a sub-header "Education and training solutions to solve the world's greatest challenges." and a paragraph describing the institute's offerings. At the bottom, a section titled "See What's New from DLI" displays three course cards:

Self-paced	Self-paced	Self-paced
Synthetic Data Generation for Training Computer Vision Models	Build Beautiful, Custom UI for 3D Tools on NVIDIA Omniverse	GPU Acceleration with the C++ Standard Library
\$30 03:00	Free 02:00	\$30 02:00

- 2. 点击右上角“姓名”账户，选择下拉菜单中的“My Learning”



## NVIDIA Deep Learning Institute

Education and training solutions to solve the world's greatest challenges.

The NVIDIA Deep Learning Institute (DLI) offers resources for diverse learning needs —from learning materials to self-paced and live training to educator programs. Individuals, teams, organizations, educators, and students can now find everything they need to advance their knowledge in AI, accelerated computing, accelerated data science, graphics and simulation, and more.

# 第二步 学习免费获得的 NVIDIA DLI 课程

- 3. 已选课程已加载在 Courses in Progress 中，点击课程开始学习

The screenshot shows the 'my-learning' dashboard on learn.nvidia.com. The page features a navigation bar with the NVIDIA logo and various menu items like 'Products', 'Solutions', and 'Industries'. Below the navigation bar is a search bar. The main content area is divided into several sections:

- Monthly Activity:** A table showing progress metrics:

Skill Points	0
Time Spent	00:00
Courses in Progress	1
Courses Completed	0
Watched Videos	0
Assessments	0
- Skills:** A section with a wrench icon and the text 'No Skills. You don't have any skills yet.'
- Certificates:** A section with a graduation cap icon and the text 'No Certificates. You don't have any certificates yet.'
- Courses in Progress:** A section containing a single course card for 'Self-paced 使用 Isaac Sim 实现机器人仿真入门'. The card shows '0% Completed' and a duration of '04:00'. This section is highlighted with a red border in the image.
- Completed Courses:** A section header for completed courses, currently empty.



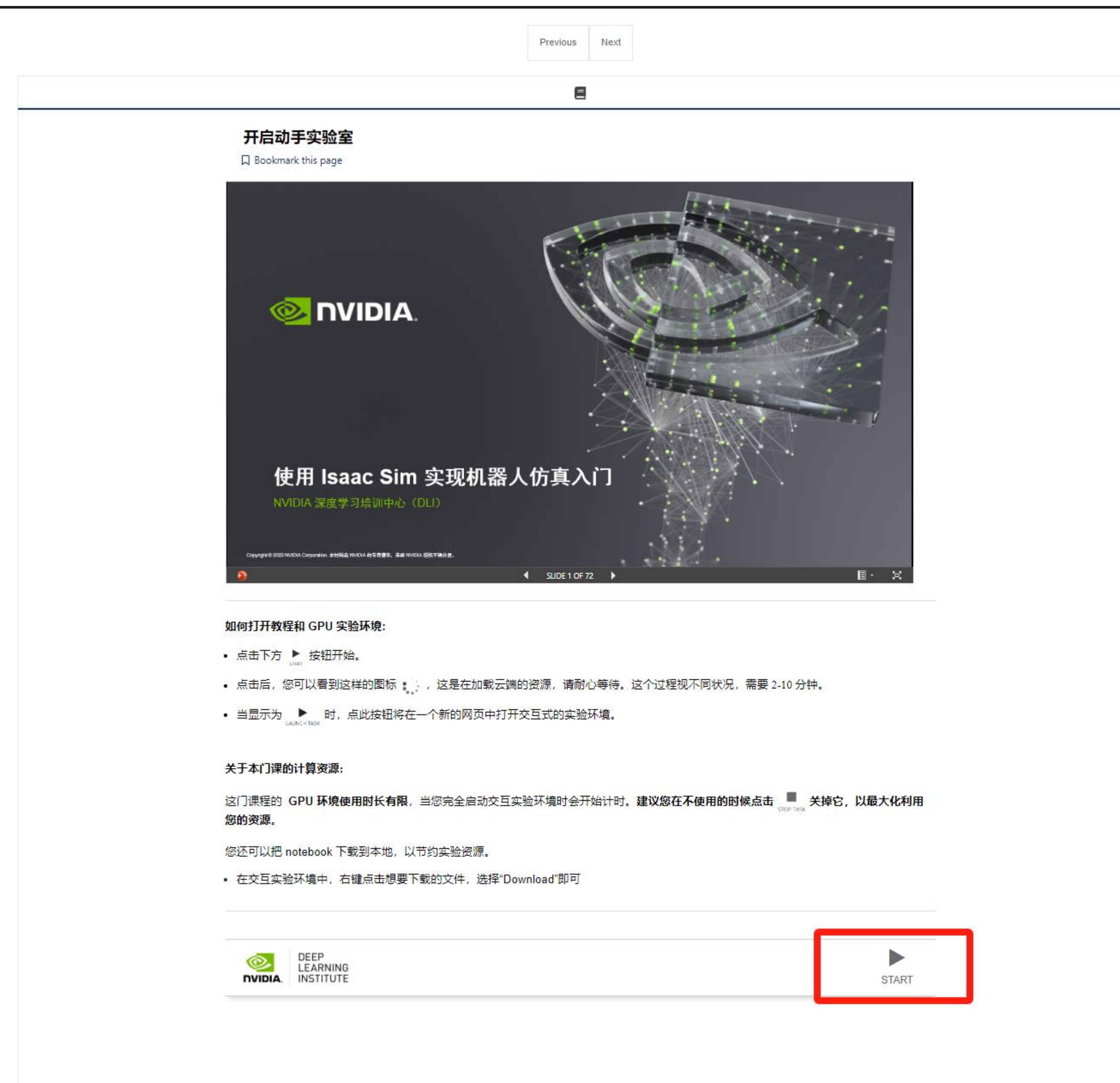
# 第二步 学习免费获得的 NVIDIA DLI 课程

- 4. 进入课件，点击“Next”进入下一页。

The screenshot shows the NVIDIA Deep Learning Institute (DLI) course interface. At the top, the navigation bar includes 'Deep Learning Institute' and links for 'Find Training', 'Self Paced Courses', 'Instructor-Led Workshops', 'Educator Programs', 'Enterprise Solutions', 'Certification', and 'Resources'. The main header displays the course title '使用 Isaac Sim 实现机器人仿真入门' (Introduction to Robotic Simulations in Isaac Sim). Below the header, a navigation menu shows 'Course', 'Progress', 'Bookmarks', and 'Updates'. On the left, a sidebar lists course components: '使用 Isaac Sim 实现机器人仿真入门' (expanded), '讲解视频 (从这里开始)' (Lecture Video (Start Here)), '动手实验' (Hands-on Lab), and '课程反馈' (Course Feedback). The main content area features a video player with the title 'Introduction 介绍 (“动手实验”中 Notebook 0 视频)' (Introduction (Video 0 in the 'Hands-on Lab') Notebook 0 Video). A 'Next' button is highlighted with a red box, indicating the next step in the course. The video player shows a thumbnail with the NVIDIA and DLI logos and the text 'Introduction to Robotic Simulations in Isaac Sim'.

## 第二步 学习免费获得的 NVIDIA DLI 课程

- 5. 完成第一部分学习，调取在云端配置好的实验环境，点击 START。加载时间需要 2 -10 分钟，请耐心等待。



Previous Next


开启动手实验室  
Bookmark this page

**NVIDIA**

使用 Isaac Sim 实现机器人仿真入门  
NVIDIA 深度学习培训中心 (DLI)

SLIDE 1 OF 72

如何打开教程和 GPU 实验环境:

- 点击下方 **按钮开始**。
- 点击后，您可以看到这样的图标 ，这是在加载云端的资源，请耐心等待，这个过程视不同状况，需要 2-10 分钟。
- 当显示为 **LAUNCH BOX** 时，点击按钮将在一个新的网页中打开交互式的实验环境。

关于本门课的计算资源:

这门课程的 GPU 环境使用时长有限，当您完全启动交互实验环境时会开始计时。建议您在不使用的时候点击 **关掉它**，以最大化利用您的资源。

您还可以把 notebook 下载到本地，以节约实验资源。

- 在交互实验环境中，右键点击想要下载的文件，选择 'Download' 即可

**NVIDIA** DEEP LEARNING INSTITUTE

**START**

# 第二步 学习免费获得的 NVIDIA DLI 课程

- 6. 加载完毕后，点击 LAUNCH 开始学习。

Deep Learning Institute Find Training Self Paced Courses Instructor-Led Workshops Educator Programs Enterprise Solutions Certification Resources

## 使用 Isaac Sim 实现机器人仿真入门

Course Progress Bookmarks Updates

使用 Isaac Sim 实现机器人仿真入门

讲解视频 (从这里开始)


动手实验

课程反馈

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SLIDE 1 OF 72

### 如何打开教程和 GPU 实验环境:

- 点击下方 START 按钮开始。
- 点击后，您可以看到这样的图标 ，这是在加载云端的资源，请耐心等待。这个过程视不同状况，需要 2-10 分钟。
- 当显示为 LAUNCH TASK 时，点此按钮将在一个新的网页中打开交互式的实验环境。

### 关于本门课的计算资源:

这门课程的 GPU 环境使用时长有限，当您完全启动交互实验环境时会开始计时。建议您在不使用的时候点击 STOP TASK 关掉它，以最大化利用您的资源。

您还可以把 notebook 下载到本地，以节约实验资源。

- 在交互实验环境中，右键点击想要下载的文件，选择“Download”即可

This Lab 0 : 02 : 20 / 4 : 00 : 00

Course 0 : 02 : 20 / 12 : 00 : 00

**LAUNCH** STOP TASK

# 第二步 学习免费获得的 NVIDIA DLI 课程

- 7. 打开 Jupyterlab, 开始学习和实验练习。


The screenshot shows the JupyterLab interface. On the left is a file browser with a search bar and a list of files and folders. The file 'welcome.ipynb' is selected. On the right is a notebook window titled 'welcome.ipynb' with a toolbar and a Python 3 kernel. The notebook content includes the NVIDIA and Deep Learning Institute logos, a green heading '欢迎学习本课程!', and introductory text in Chinese. A table of contents is also visible at the bottom of the notebook.

Name	Last Modified
images	a year ago
isaac-sim	a year ago
scripts	a year ago
solutions	a year ago
00_getting_started.ipynb	a year ago
01_hello_world.ipynb	a year ago
02_hello_physics.ipynb	a year ago
03_hello_robot.ipynb	a year ago
04_robot_handoff.ipynb	a year ago
welcome.ipynb	a year ago

welcome.ipynb

Markdown

Python 3



DEEP LEARNING INSTITUTE

## 欢迎学习本课程!

在本课程中, 您将从编程的角度出发, 探索专为实现机器人仿真而打造的 Omniverse 应用 — NVIDIA Isaac Sim。本入门课程将向您介绍 Isaac Sim Core 包, 讲解学习如何与 Isaac Sim 的物理和仿真功能正确交互, 开发有趣而实用的项目。

本课程将详细探讨 NVIDIA Isaac Sim 的脚本编程接口和各种 Omniverse 应用。您可以将其用作通过程序化扩展 (例如 Replicator 和 Isaac Gym) 进行开发的预备课程。期间, 您要与多个虚拟机器人进行交互。在学习最后一个 Notebook 时, 您还要协调 [NVIDIA JetBot](#) 和 [Franka Emika 机器人手臂](#) 之间的物品传递。

### 目录

0. 开始使用
  - 介绍 Omniverse 和 Isaac Sim。
  - 学习如何打开 Isaac Sim GUI 并向其发送命令。
1. Hello World
  - 介绍 Kit 脚本编程接口、Core API 和场景规范。

- 8. 点击左侧课程反馈，语言列表下拉菜单可选择语言偏好，完成反馈。

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# 使用 Isaac Sim 实现机器人仿真入门

Course Progress Bookmarks Updates

使用 Isaac Sim 实现机器人仿真入门

讲解视频 (从这里开始)


动手实验

课程反馈

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English

中文

中文 (简体)

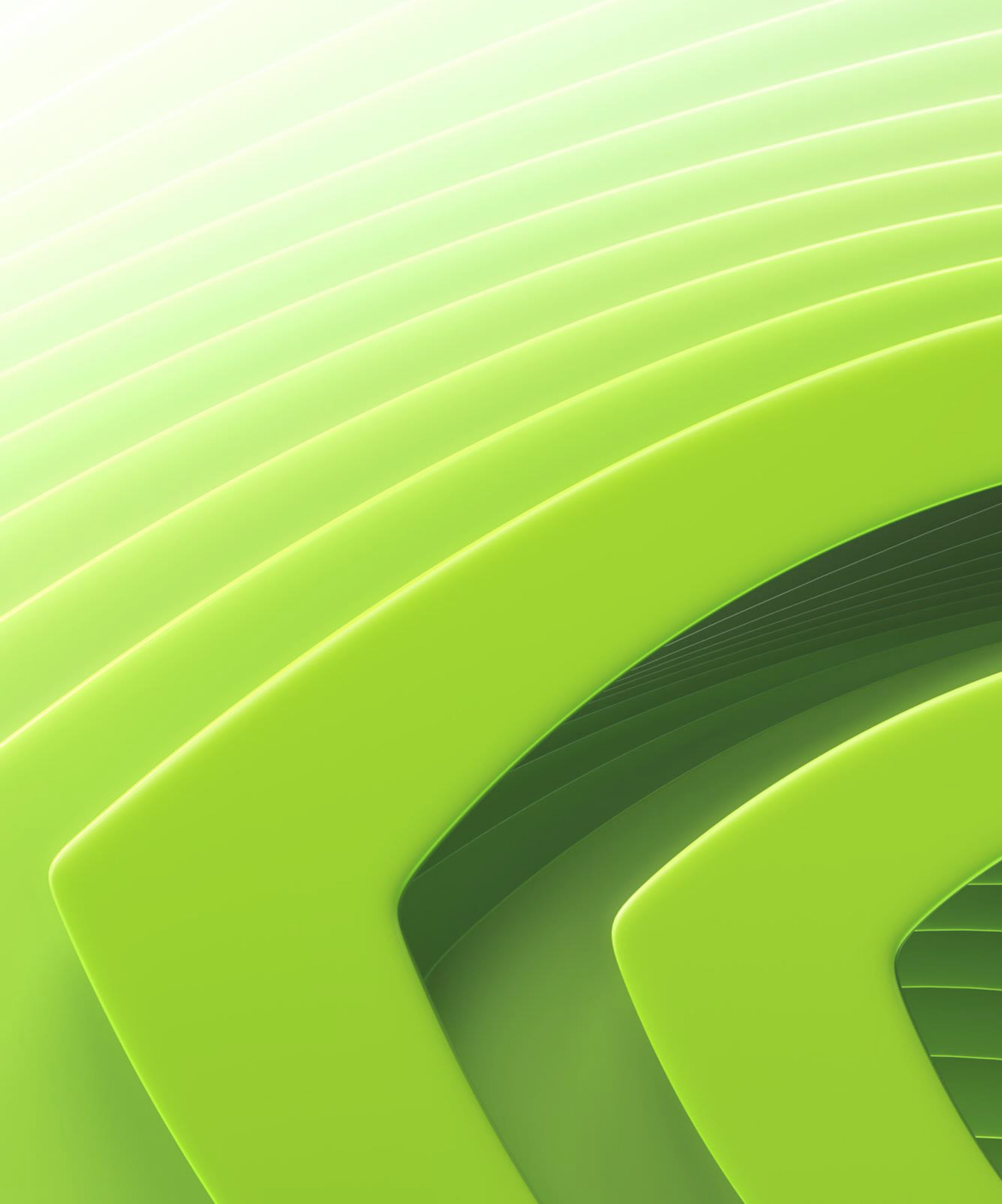
日本語

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