Welcome to the Bridging Coursework for Computer Science! This aims to be both engaging and useful for you in your development as a computer scientist. The task at hand is for you to create a functional web application that you can use for a variety of things such as showcasing a portfolio of your work for potential employers, to host an interactive CV or as a blogging site for all things CS-related.

欢迎来到计算机科学的桥梁课程!它的目标是在你作为一个计算机科学家的发展中既吸引人又有用。您手头的任务是创建一个功能强大的web应用程序，您可以使用它来做各种事情，比如向潜在雇主展示您的工作组合，托管交互式简历，或者作为一个博客站点来发布与css相关的所有内容。

In this coursework, you’re going to be working independently with a couple of technologies that you might not have used before. First, you will be using Python to develop this. While potentially new to you, in your career as a computer scientist, you will be expected to learn new programming languages and technology, and given your backgrounds, the transition to using Python for this shouldn’t be too difficult. Python is a great language to learn and will be one that will crop up time and time again, quite possibly during internships or you may even use it in your final year project, so getting some experience with this now will be extremely valuable.

在这个课程作业中，你将独立工作与一些技术，你可能没有使用过。首先，您将使用Python来开发它。虽然您可能是新手，但在您作为计算机科学家的职业生涯中，您将需要学习新的编程语言和技术，并且鉴于您的背景，在此过渡到使用Python应该不会太困难。Python是一门非常值得学习的语言，而且它会不断出现，很有可能是在实习期间，或者你甚至会在期末项目中用到它，所以现在获得一些Python的经验将是非常有价值的。

Next, to develop your web application, you will be using the Django web framework. This is a high-level framework that encourages careful thought about design and enables the rapid-development of web-applications. This is one of the world’s most popular web frameworks and as such has been used in sites such as Instagram, Pinterest, and Mozilla.

接下来，要开发web应用程序，您将使用Django web框架。这是一个高级框架，鼓励仔细考虑设计并支持web应用程序的快速开发。这是世界上最流行的web框架之一，已经在Instagram、Pinterest和Mozilla等网站上使用。

To get you up to speed with using these, you must independently go through the following resource from DjangoGirls (alternative PDF format). This will build upon your current knowledge and give you the skills to develop a working web application. The code that you develop should be managed using Git and pushed to GitHub, and you will host your web application on PythonAnywhere, which can be programmed to pull the latest version of your code from your GitHub. The above tutorial will go through how to get all of this setup.

为了使您能够快速使用这些工具，您必须独立浏览以下来自DjangoGirls的资源(可选PDF格式)。这将建立在您当前的知识基础上，并为您提供开发工作web应用程序的技能。您开发的代码应该使用Git进行管理并推到GitHub，您将在PythonAnywhere上托管web应用程序，可以通过编程将最新版本的代码从GitHub中提取出来。上面的教程将介绍如何进行所有这些设置。

Once your web app is hosted on PythonAnywhere, it is recommended that you customise your site. Consider experimenting with new HTML templates or CSS stylesheets to alter the look-and-feel of your site. There are resources to help support this as well in the Background Reading module in the Canvas course.

一旦你的web应用程序托管在PythonAnywhere上，建议你定制你的网站。考虑尝试使用新的HTML模板或CSS样式表来改变站点的外观。在Canvas课程的后台读取模块中也有一些资源可以帮助支持这一点。

Given that you’ll have the mechanism to host some content online, you should include, at a minimum, the following blog posts on your PythonAnywhere site:

考虑到您将有机制托管一些在线内容，您应该至少包括以下博客文章在您的PythonAnywhere网站:

A post reflecting on what you’ve enjoyed studying this year

A post looking to the future that discusses what you’re looking forward to learning about in the upcoming academic year.

A post discussing how your site is structured and in your own words a description of how Django works

一篇关于你今年喜欢学习的内容的帖子

一篇展望未来的帖子，讨论你在即将到来的学年里期待学习什么。

讨论您的站点是如何构建的，用您自己的话描述Django是如何工作的

You are also encouraged to include any other content regarding projects that you’ve been working on, or perhaps developing menu functionality or a separate template to host a dedicated homepage or online CV.

你也被鼓励包括任何其他关于你正在工作的项目的内容，或者开发菜单功能，或者一个单独的模板，一个专门的主页或在线简历。

This bridging coursework is expected to take a couple of days for you to complete, but of course, you are not limited to this. It is recommended that you submit your coursework by June 30th. However, the submission system will remain open on Canvas until August 31st.

这个桥接课程预计要花费你几天的时间来完成，当然，你不仅限于此。建议你在6月30日前交作业。不过，在8月31日之前，帆布上的提交系统将一直开放。

We expect you to submit the following:

我们希望您提交以下文件:

The URL to your site hosted on PythonAnywhere

The URL for the GitHub repository that hosts your site code. Ensure that your repository is public.

你的网站的URL托管在PythonAnywhere上

存放站点代码的GitHub存储库的URL。确保您的存储库是公开的。

You will receive formative feedback on what you have submitted from your personal tutor at the start of the new academic year.

在新学年开始的时候，你会从你的私人导师那里收到关于你所提交的内容的形成性反馈。