Build your brand

Host your Webpage on GitHub

Visit our website

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Introduction

WELCOME TO THE FOURTH BUILD YOUR BRAND TASK!

These tasks focus on helping you to showcase your newly acquired development skills to peers and potential clients and employers. In this task, you create a personal website that you will push to GitHub. From GitHub, you will use GitHub Pages to host your webpage and make it visible to the rest of the world. By the end of this task, you will have a URL that you can make available with others so that they can view your work.

A PERSONAL WEBSITE VS LINKEDIN

Since you already have a LinkedIn profile, you may be wondering whether a personal website that also acts as a professional profile really has value. It definitely does! Here are some reasons why:

- It highlights your personality more. LinkedIn profiles all look and feel quite standard. On the other hand, your personal website can show your personality more. The colours, images, layout and content you choose to use on your website all help paint a much clearer picture of who you are. They also help showcase your creative side.
- It stands out from the crowd. Many people will have a LinkedIn profile. Far fewer will also have a personal website.
- They showcase your development skills. If you have created your own personal website, the website itself also demonstrates your development skills. As a Software Engineer, you can show that you can create attractive user interfaces in addition to complex back-end algorithms.

A note from our coding mentor
Valerie

Are you interested in creating some more websites? Or want to create a website but struggle to get the "look and feel" of a webpage right? Why not give ***Bootstrap Studio*** *a try? Bootstrap Studio is a desktop app that helps you build webpages more easily. It allows you to drag and drop components onto a page and automatically generates*

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HTML and CSS for you. Bootstrap Studio is one of the tools in the ***GitHub Student Developer Pack***.

GITHUB PAGES

To make a webpage visible to the rest of the world, it needs to be hosted on a web server. There are various options for deploying web pages to web servers. In this task, you will be pushing your webpage to GitHub and using GitHub Pages to host your personal webpage.

GitHub allows one to host and publish web pages easily using GitHub Pages. GitHub Pages is available for free in public repositories.

There are certain restrictions regarding the use of GitHub pages. As stated by **GitHub**, "GitHub Pages is ***not intended*** for or allowed to be used as a free web hosting service ***to run your online business, e-commerce site***, or any other website that is primarily directed at either facilitating commercial transactions or providing commercial software as a service (SaaS)."

Besides that, GitHub lists the following usage limits for GitHub pages:

- "Published GitHub Pages sites may be no larger than 1 GB.
- GitHub Pages sites have a soft bandwidth limit of 100GB per month.
- GitHub Pages sites have a soft limit of 10 builds per hour."

A note from the
Hyperion Team

Cloud computing has made it easier than ever to deploy pages. With cloud computing, the infrastructure and platform needed to host a webpage is provided by cloud service providers across the internet, as opposed to having to rely on our own physical servers that we have to set up and configure with the necessary platform. **Heroku** is an example of a cloud solution that provides platform as a service (PaaS). Heroku allows us to use virtual platform and infrastructure resources that are maintained by the owners of Heroku to host our web applications.

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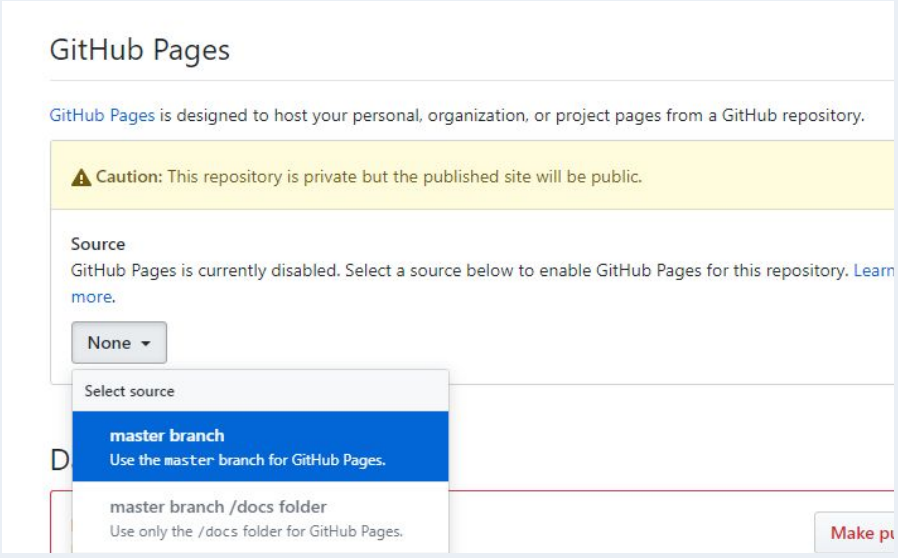
Compulsory Task

Follow these steps:

- In GitHub, create a new repository. Name this repository using your name. For example, "John_Doe_resume". Do **not** automatically generate a README file for this repository.
- Push the web page that you created in the previous two tasks from your local computer to the remote repository on GitHub. Make sure that:
    - You named your HTML page "**index.html**"
    - You also push all CSS files and images that you link to in your webpage to this repository.
- Select "Setting" for your GitHub repository.
- Scroll down to GitHub pages and select the master branch as your source for GitHub pages.



- You should then see the URL for accessing your website.

- View this webpage in your browser. Check that you are happy with it. Correct any problems before:
    - Sending the link to your website to your mentor.
    - Adding a link to your website to your LinkedIn profile.

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- Email **careers@hyperiondev.com** with a link to your website.

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