Build your brand

Host your Webpage on GitHub

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Introduction

Welcome to the second in a series of “Build your Brand” tasks. These tasks focus on helping you to showcase your newly acquired development skills to peers and potential clients and employers. In this task, you will push the webpage that you created in the previous two tasks 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.

Extra resource

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 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 easily publish web pages 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."

Compulsory Task 1

In this task, you are going to be creating a personal webpage. Make sure that this webpage acts as a resume and introduces you to the world effectively. Strike a balance in your content - this webpage should show more of your personality than a typical CV but it should still be professional.

Follow these steps:

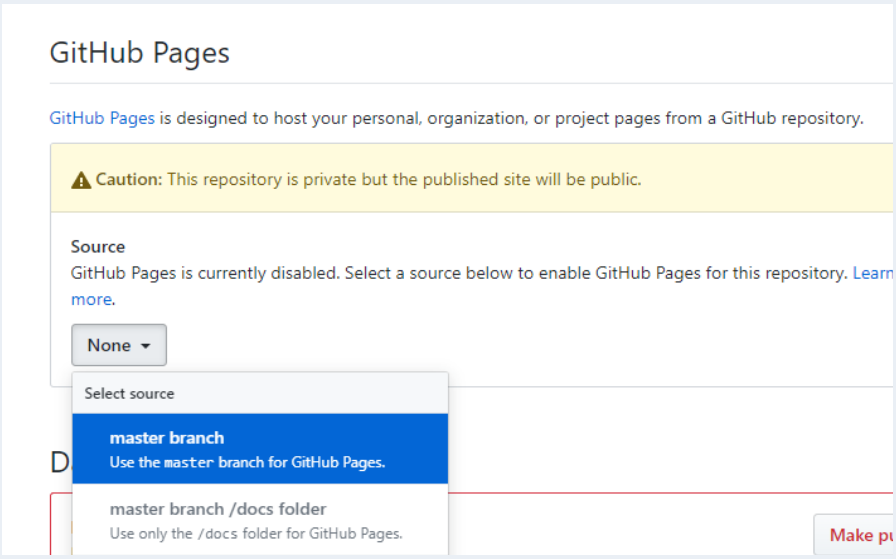
- Create an HTML page called **index.html**.
- On this page add any elements you would like to create a webpage that acts as an online CV. This is your personal webpage, so feel free to customise it to suit your needs but make sure that you include at least the following:
    - A short bio. Add a short (no more than about three paragraphs) description of yourself. Who are you? What is your experience? What are your passions? What motivates you? What is it that you would most like to do? Etc.

    - Your contact details. E.g. name, contact number, email address, links to any of your (professional) social media including LinkedIn. An image of yourself.
    - A list of your skills and competencies.
    - Describe your education.
    - Describe your work experience.
    - Describe some projects that you have worked on. Add links to the code (in GitHub).
    - Add links to any blog posts or articles that you have written.
- Use CSS to style and position the elements on your webpage that you created in the previous task ("index.html") as attractively as possible. Feel free to use style libraries like **Bootstrap**. You can also use **Bootstrap Studio**, which is one of the tools in the **GitHub Student Developer Pack**, if you like. This will involve doing a bit of research.

Compulsory Task 2

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.

  Your site is ready to be published at https://hyperiondev-com.github.io/john_doe_resume/.

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

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