



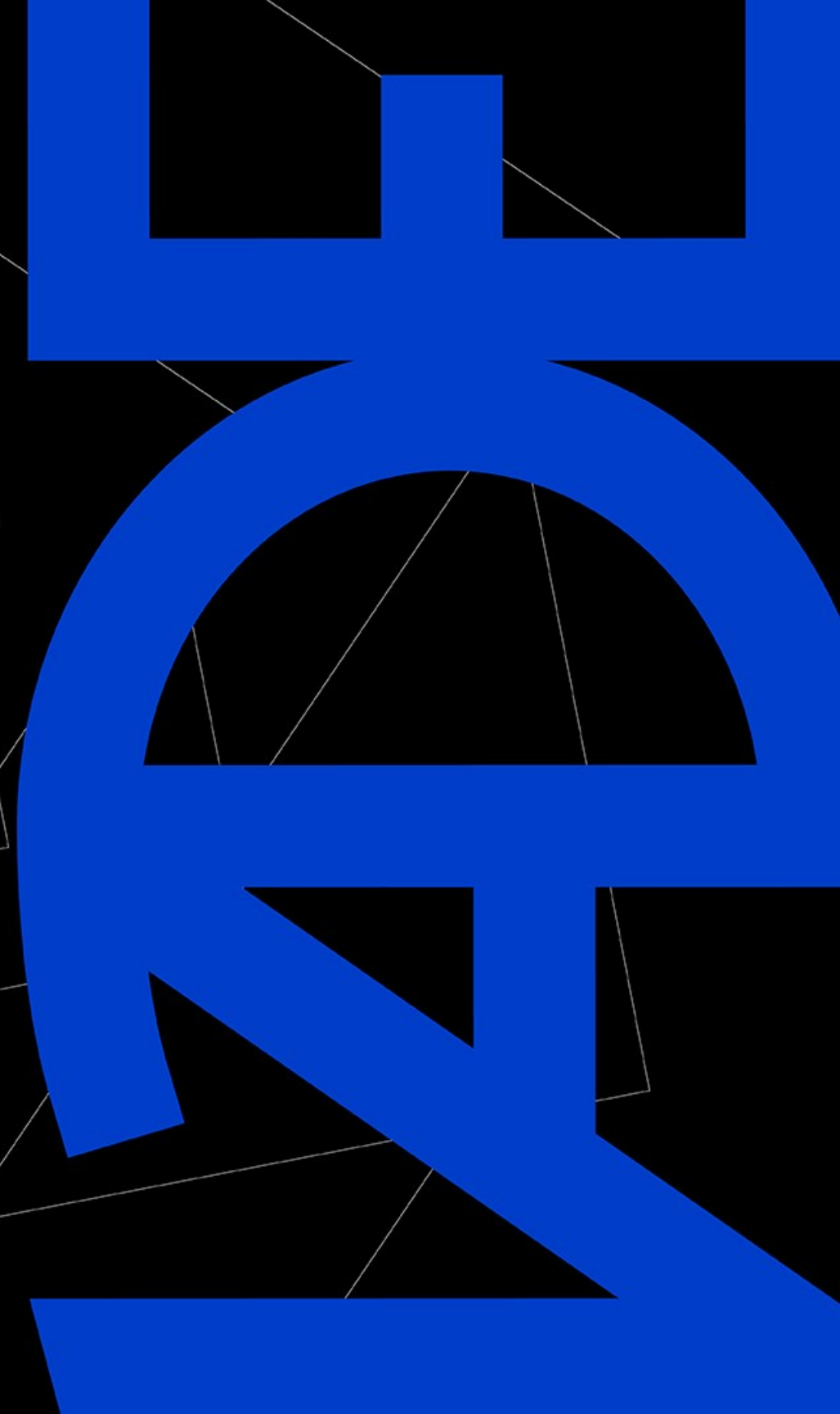
Faculdade de Design,
Tecnologia e Comunicação
 Universidade Europeia

Práticas e Ferramentas

Fundamentos da Programação

Fernando Marson

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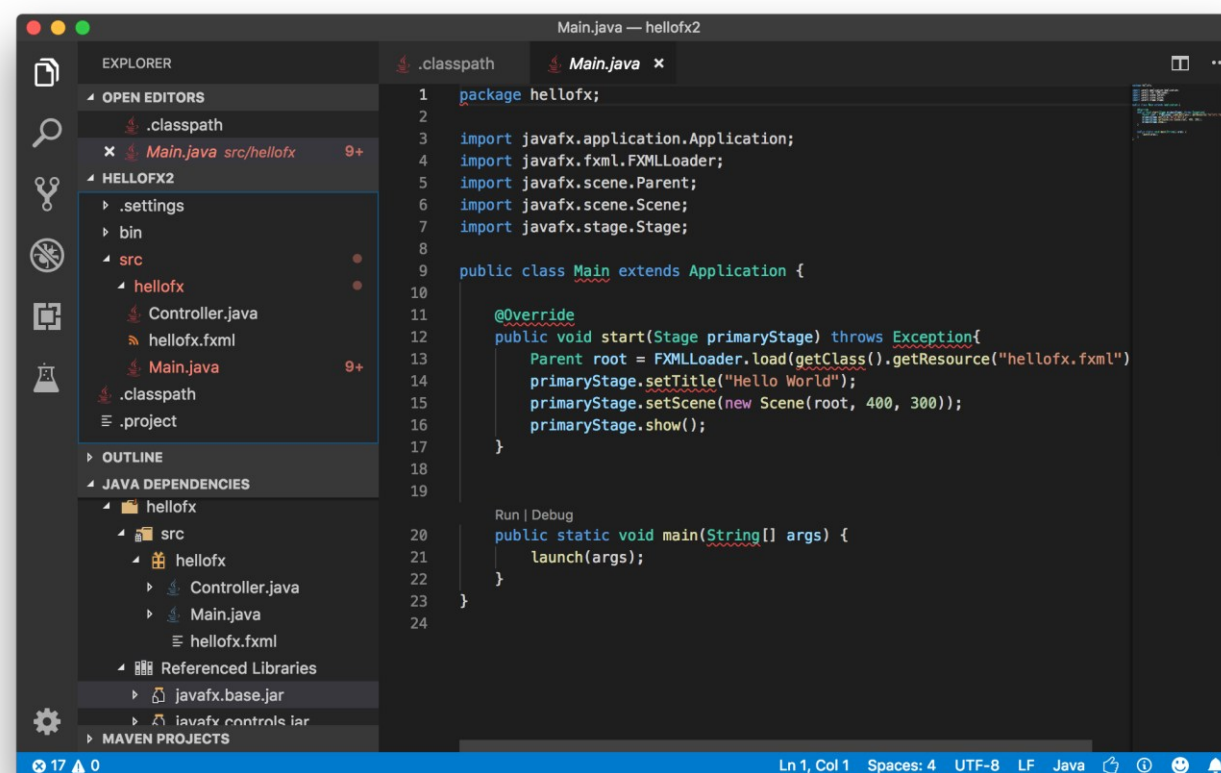


Informações Gerais

- **Canvas - Fundamentos da Programação**
 - LEIF001ON1
 - <https://www.mycampus.pt/courses/38700>
 - LEIF001ON2
 - <https://www.mycampus.pt/courses/38888>
- **Repositório Github**
 - <https://github.com/FMarson/IADE-LEI-FP-25>
- **Gist (Exemplos de código)**
 - <https://gist.github.com/FMarson>

IDE - Integrated Development Environment

Uma IDE é um ambiente de desenvolvimento integrado, um programa de computador que reúne características e ferramentas de apoio ao desenvolvimento de software com o objetivo de agilizar este processo.



IDE - Integrated Development Environment



VSCode



NetBeans



Eclipse

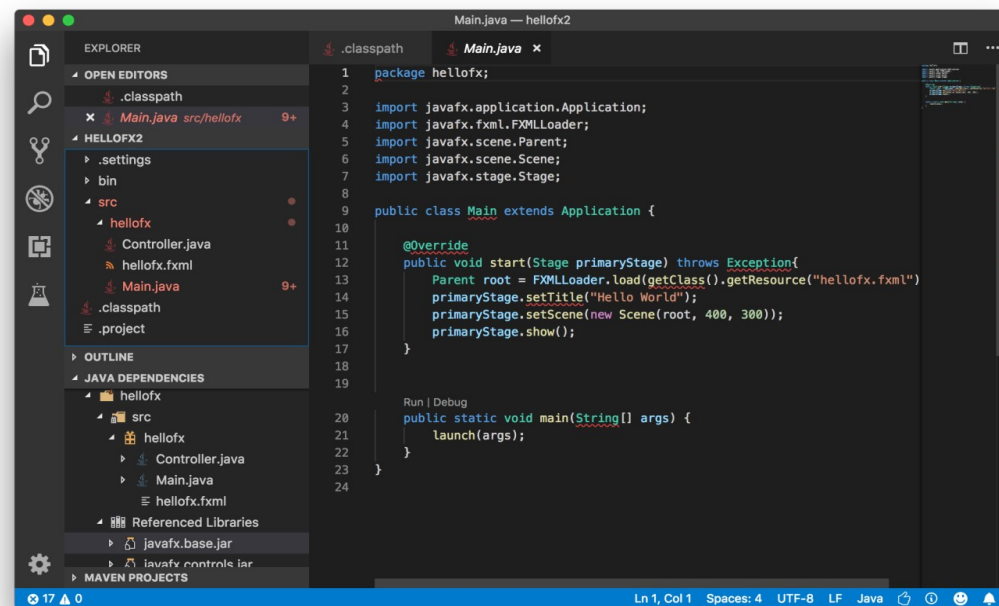


IntelliJ

IDE - Integrated Development Environment



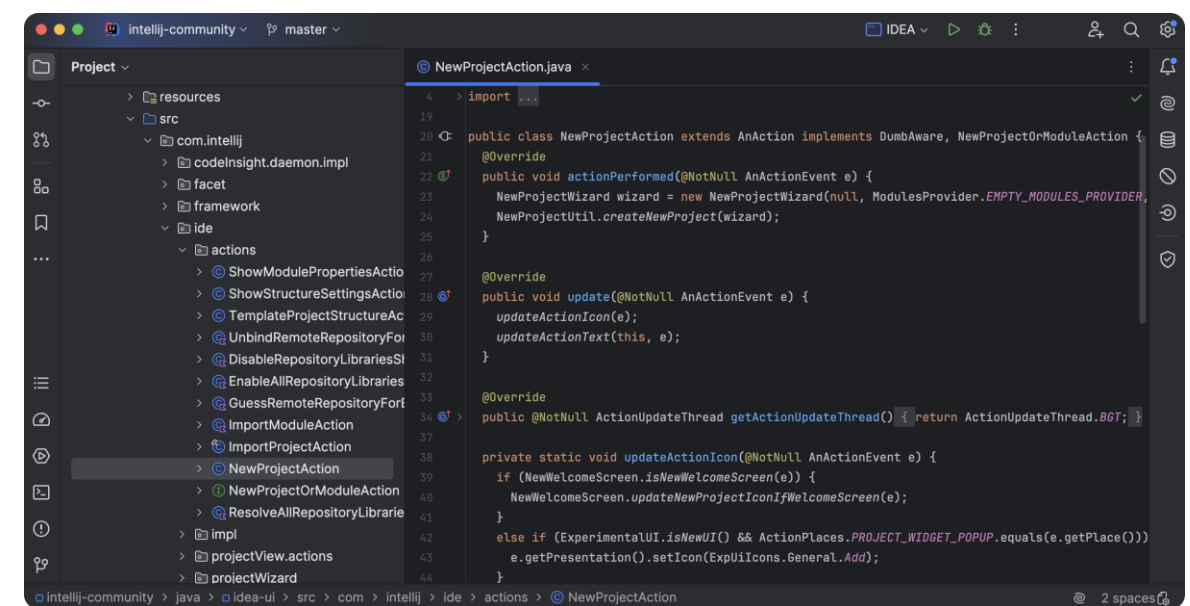
VSCode



[Download Visual Studio Code - Mac, Linux, Windows](#)



IntelliJ



[Download IntelliJ - Mac, Linux, Windows](#)

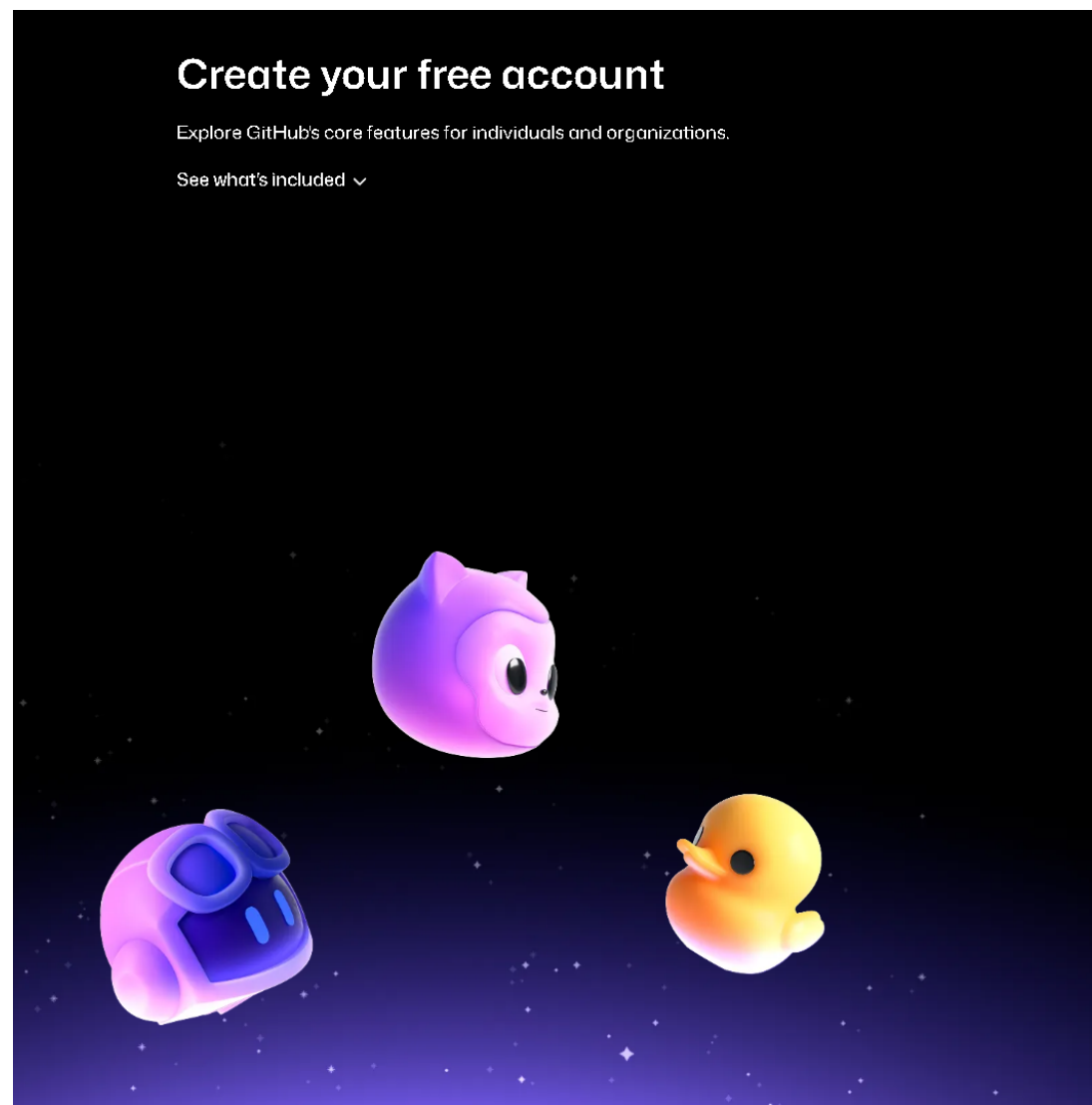
Cadastros Importantes

Links para registo de benefícios:


- [JetBrains Student Pack](#)
- [Github Education](#)
- [Office 365 Education](#)

Cadastro e configuração do Github

Cadastro



Sign up for GitHub

 Continue with Google Continue with Apple

or

Email*

40009314@iade.pt



Password*



Password should be at least 15 characters OR at least 8 characters including a number and a lowercase letter.

Username*

FMarson-IADE



Username may only contain alphanumeric characters or single hyphens, and cannot begin or end with a hyphen.

Your Country/Region*

Portugal



For compliance reasons, we're required to collect country information to send you occasional updates and announcements.

Email preferences

☐ Receive occasional product updates and announcements

Create account >

By creating an account, you agree to the [Terms of Service](#). For more information about GitHub's privacy practices, see the [GitHub Privacy Statement](#). We'll occasionally send you account-related emails.

Cadastro

Confirm your email address

We have sent a code to **40009314@iade.pt**

Enter code

Continue

Didn't get your email? [Resend the code](#) or [update your email address](#).

Cadastro



Here's your GitHub launch code!




Continue signing up for GitHub by entering the code below:

68966886

Open GitHub

Login




Sign in to GitHub


Username or email address

Password [Forgot password?](#)

[Sign in](#)

or

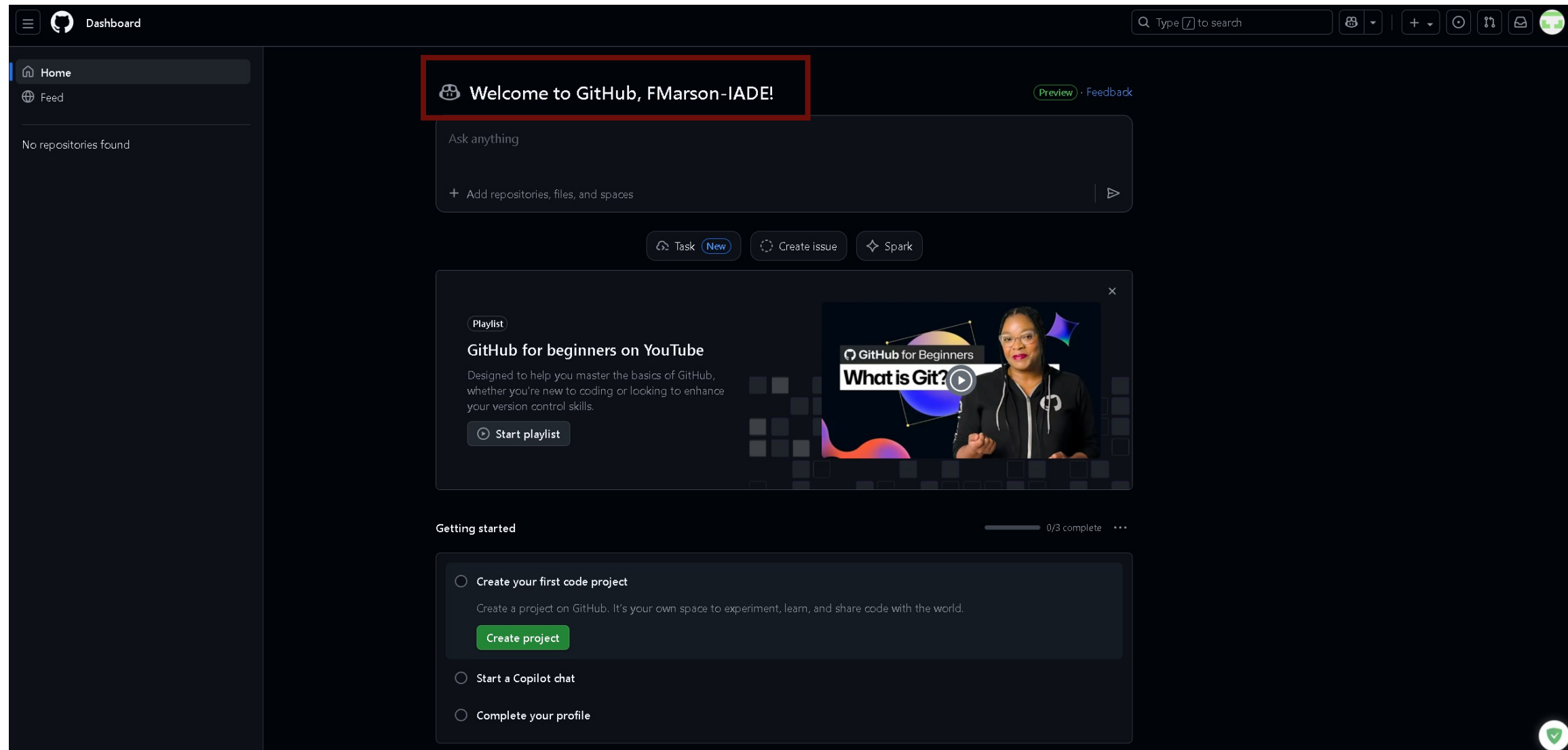
 [Continue with Google](#)

 [Continue with Apple](#)

New to GitHub? [Create an account](#)

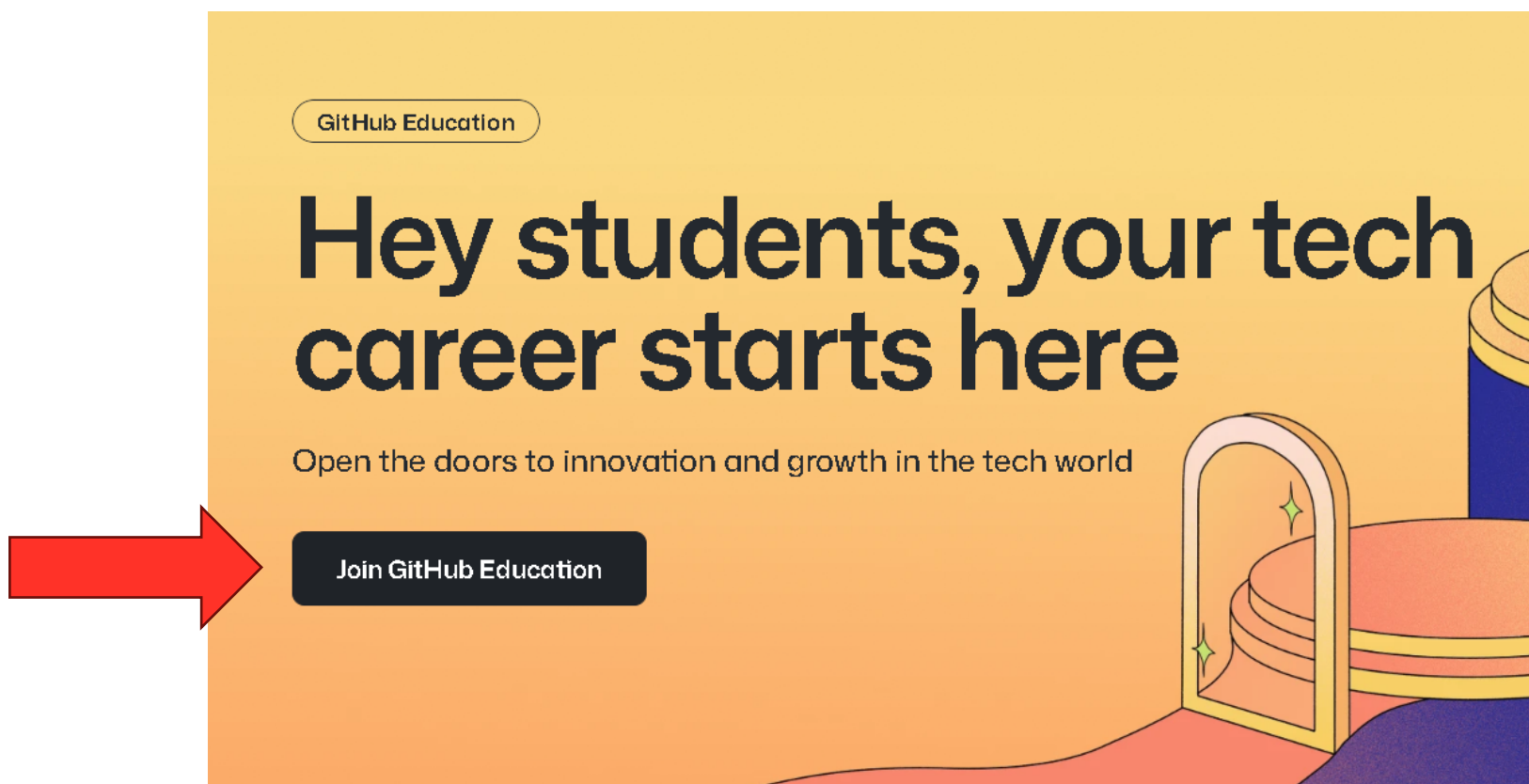
[Sign in with a passkey](#)

Login

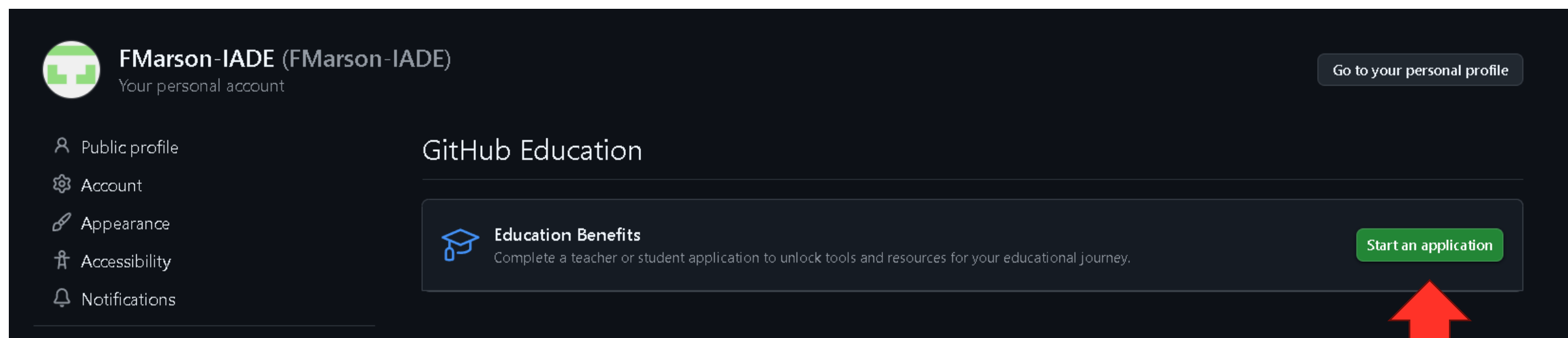


Cadastro no Github Education

- Acessar
 - <https://github.com/education/students>

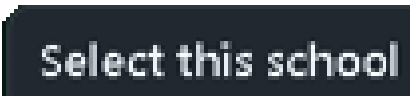


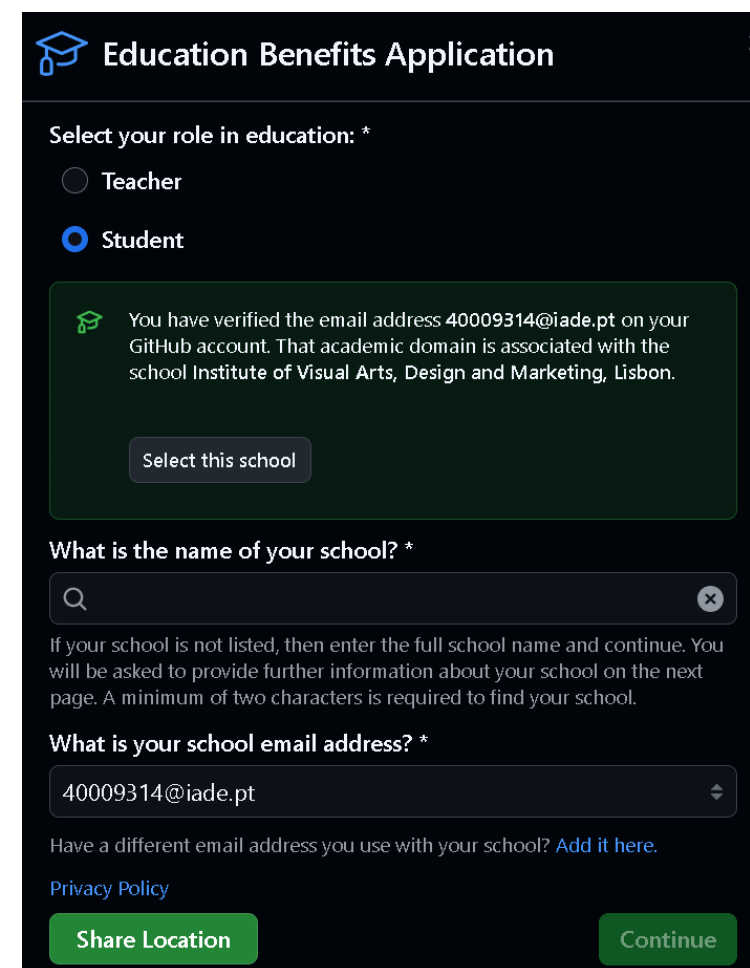
Cadastro no Github Education



The screenshot displays the GitHub Education interface for a user named FMarson-IADE. The user's profile is shown at the top left, with a green and white avatar and the text 'FMarson-IADE (FMarson-IADE)' and 'Your personal account'. To the right of the profile is a button labeled 'Go to your personal profile'. Below the profile, there is a list of navigation links: 'Public profile', 'Account', 'Appearance', 'Accessibility', and 'Notifications'. The main section is titled 'GitHub Education' and contains a card for 'Education Benefits'. The card has a blue graduation cap icon and the text 'Education Benefits' followed by 'Complete a teacher or student application to unlock tools and resources for your educational journey.' A green button labeled 'Start an application' is located at the bottom right of the card. A large red arrow points upwards towards this button.

Cadastro no Github Education


- Selecione **Student**
- Clique no botão 

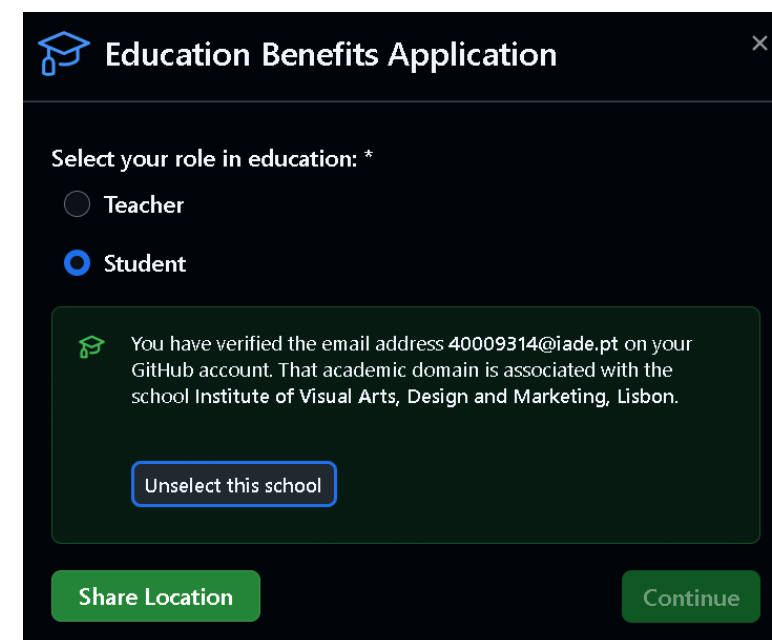
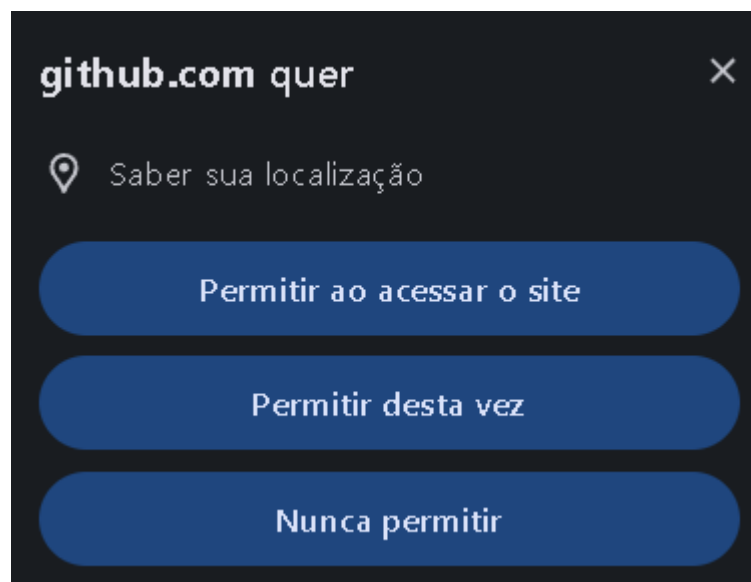


The screenshot shows the 'Education Benefits Application' form. It has a title bar with a graduation cap icon and a close button. The form contains the following sections:

- Select your role in education: ***
 - ☐ Teacher
 - ☒ Student
- A green notification box with a graduation cap icon stating: "You have verified the email address 40009314@iade.pt on your GitHub account. That academic domain is associated with the school Institute of Visual Arts, Design and Marketing, Lisbon." Below this is a button labeled "Select this school".
- What is the name of your school? ***
 - A search input field with a magnifying glass icon and a close button.
 - Text: "If your school is not listed, then enter the full school name and continue. You will be asked to provide further information about your school on the next page. A minimum of two characters is required to find your school."
- What is your school email address? ***
 - An input field containing "40009314@iade.pt" with a dropdown arrow.
 - Text: "Have a different email address you use with your school? [Add it here.](#)"
 - [Privacy Policy](#)
- At the bottom are two buttons: "Share Location" and "Continue".

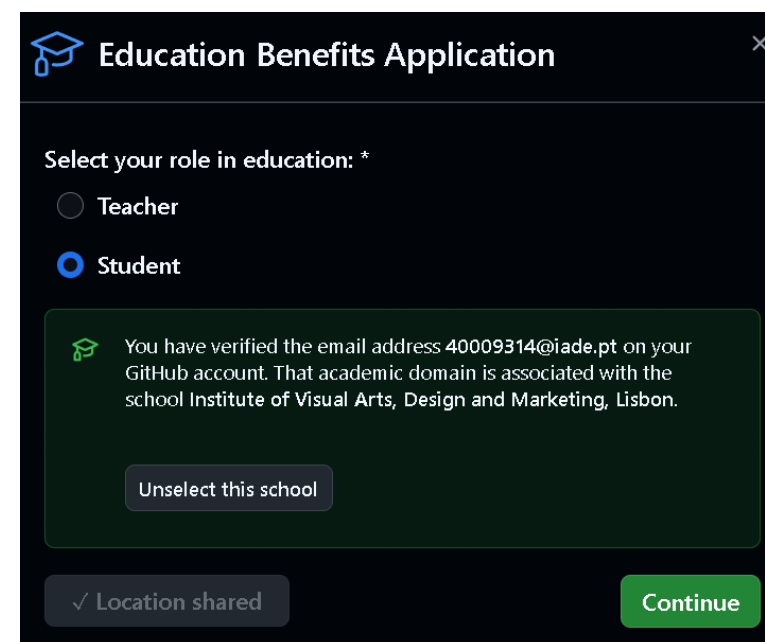
Cadastro no Github Education

- Clique no botão 
- Permita o acesso à sua localização.



Cadastro no Github Education

- Clique no botão 



The screenshot shows the 'Education Benefits Application' window. At the top, there's a title bar with a graduation cap icon and a close button. Below the title, the text 'Select your role in education: *' is followed by two radio button options: 'Teacher' and 'Student'. The 'Student' option is selected. Below this, a green message box contains a graduation cap icon and text stating that the email address '40009314@iade.pt' has been verified and is associated with the school 'Institute of Visual Arts, Design and Marketing, Lisbon'. A button labeled 'Unselect this school' is located below the message. At the bottom of the form, there is a 'Location shared' status indicator and a green 'Continue' button.

Cadastro no Github Education

- Escolha uma forma de validação do vínculo com o IADE.

Please select the type of proof you would like to provide *

Select one

Select one

1. Dated school ID - Good
2. Dated official/unofficial transcript - Fair
3. Dated enrollment letter on school letterhead - Fair
4. Dated class schedule for the semester - Poor
5. Dated syllabus for a class - Poor
6. Dated receipt from bursar - Poor
7. Dated scholarship/financial aid letter - Poor
8. Other (Example: Screenshot of school portal) - Poor

Education Benefits Application

Please select the type of proof you would like

Select one

Start Camera

Upload a file


Submit Application

What is a valid proof of education?

Good proof types indicate academic affiliation documents help you be approved.

Fair proof types may lower your chances of being approved.

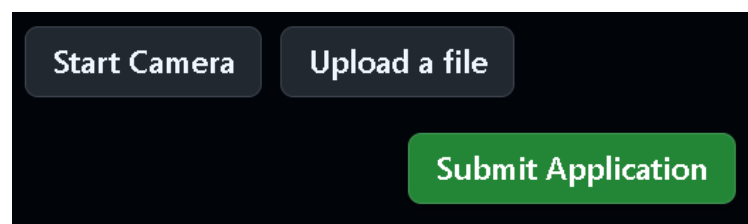
Poor proof types are unlikely to be acceptable.



Cadastro no Github Education

- Escolha uma forma de validação do vínculo com o IADE.
- Após tirar uma foto ou enviar um ficheiro, clique no botão

Submit Application

A screenshot of the 'Education Benefits Application' form. At the top is a header with a graduation cap icon and the title 'Education Benefits Application'. Below the header is a dropdown menu with the text 'Please select the type of proof you would like to provide *' and 'Select one'. Under the dropdown, there is explanatory text: 'What is a valid proof of education?', 'Good proof types indicate academic affiliation documentation most likely to help you be approved.', 'Fair proof types may lower your chances of being approved.', and 'Poor proof types are unlikely to be acceptable.' At the bottom of the form is a large rectangular area with a camera icon, indicating where to upload a photo.

Instalação do Git e do Github Desktop

Git

- Fazer download do **Git for Windows** e instalar
 - <https://git-scm.com/install/windows>
- Fazer download do **Git Large File Storage (LFS)** e instalar
 - <https://git-lfs.com>

Github Desktop

- Fazer download do Github Desktop
 - <https://desktop.github.com/download>
- Fazer login com a conta criada no site do Github

Curso Online



Curso de

Git e GitHub [20 Horas]

GRÁTIS

<https://www.cursoemvideo.com/curso/curso-de-git-e-github>