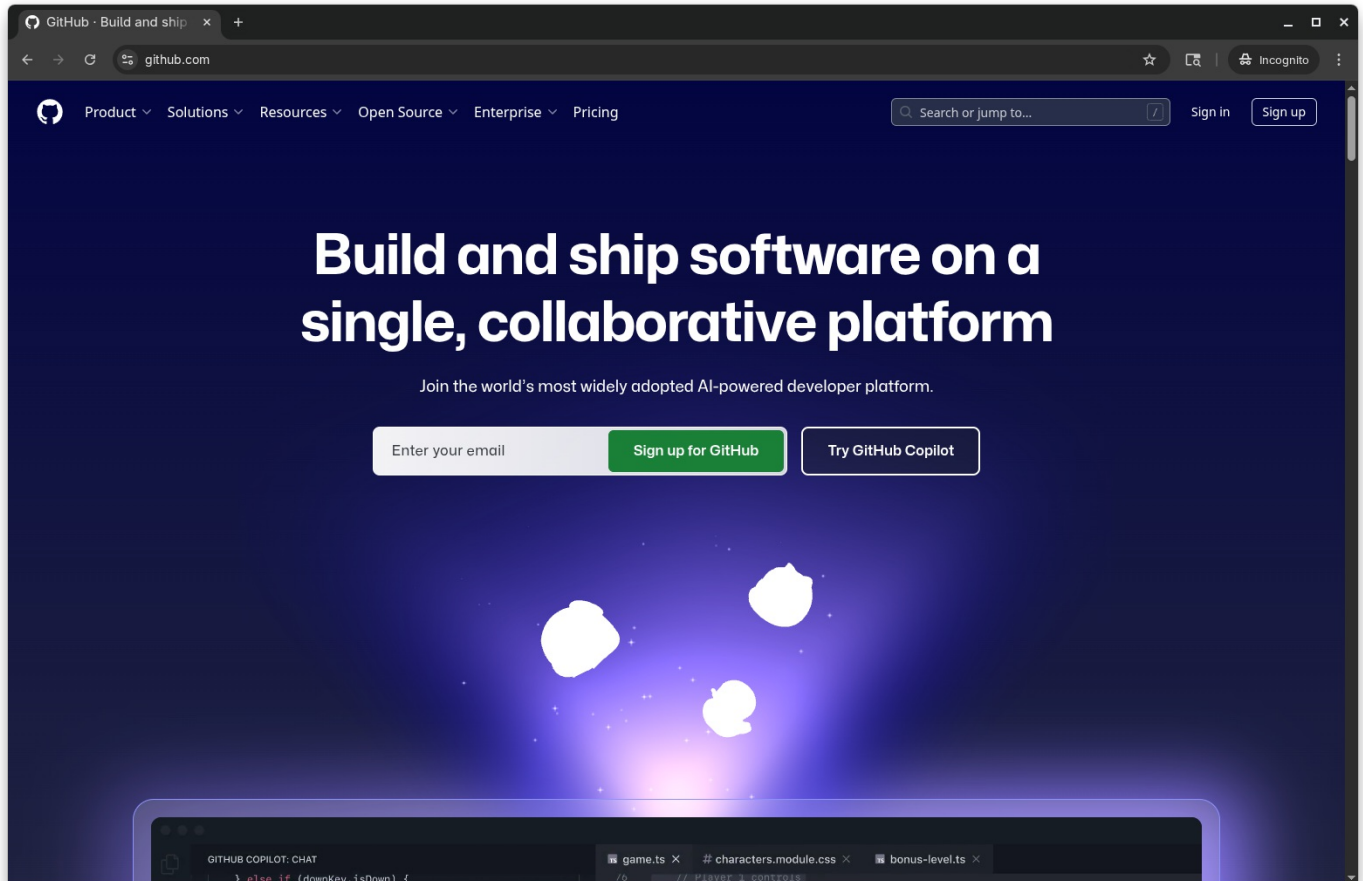


# What is GitHub?

**GitHub** is a web-based platform that hosts and manages code using the **Git** version control system. Think of Git as a tool on your computer that tracks every change you make to a project, like a detailed "undo" history. GitHub takes that functionality to the cloud, making it a central hub for collaboration.

In essence, GitHub is the go-to platform for developers to:

- **Store and Manage Code:** Every project is stored in a **repository** (or "repo"), which contains all project files and their revision history.
- **Collaborate on Code:** Developers work on new features in isolated **branches** to avoid disrupting the main project. When a feature is ready, they open a **pull request**, which allows teammates to review the new code, discuss changes, and approve its integration.
- **Track Project Tasks:** It includes an integrated **issue tracker** to manage bugs, feature requests, and other project tasks.



# Getting Started: Creating Your GitHub Account

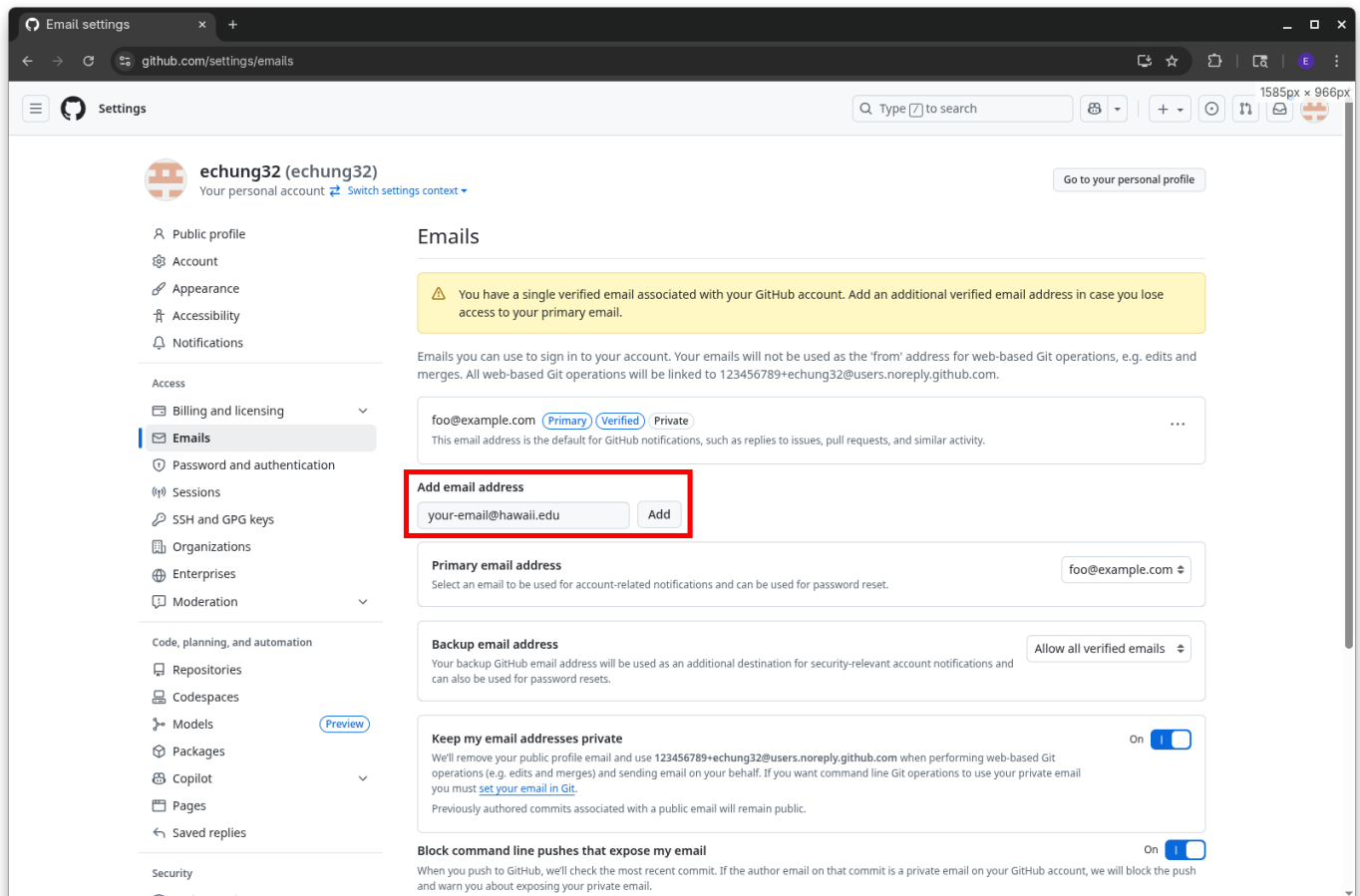
**Note:** If you already have a GitHub account, feel free to use that instead of creating a new one.

**Important:** We do not recommend using your school-issued email address to sign up, as it may get de-activated after you are no longer a student. You will instead attach your school-issued email address as a secondary email for GitHub Education benefits.

1. **Sign up at [github.com](https://github.com).** You should use either your personal / professional email.
2. **Choose your username.** You may use anything for your username, however please keep it professional.
3. **Create account.** After filling in the other details, create your account.

After creating your account...

4. Navigate to [github.com/settings/emails](https://github.com/settings/emails).
5. Under "Add email address", add your school-issued email address.
6. You will be prompted to confirm your email address. Check your email and follow the steps.



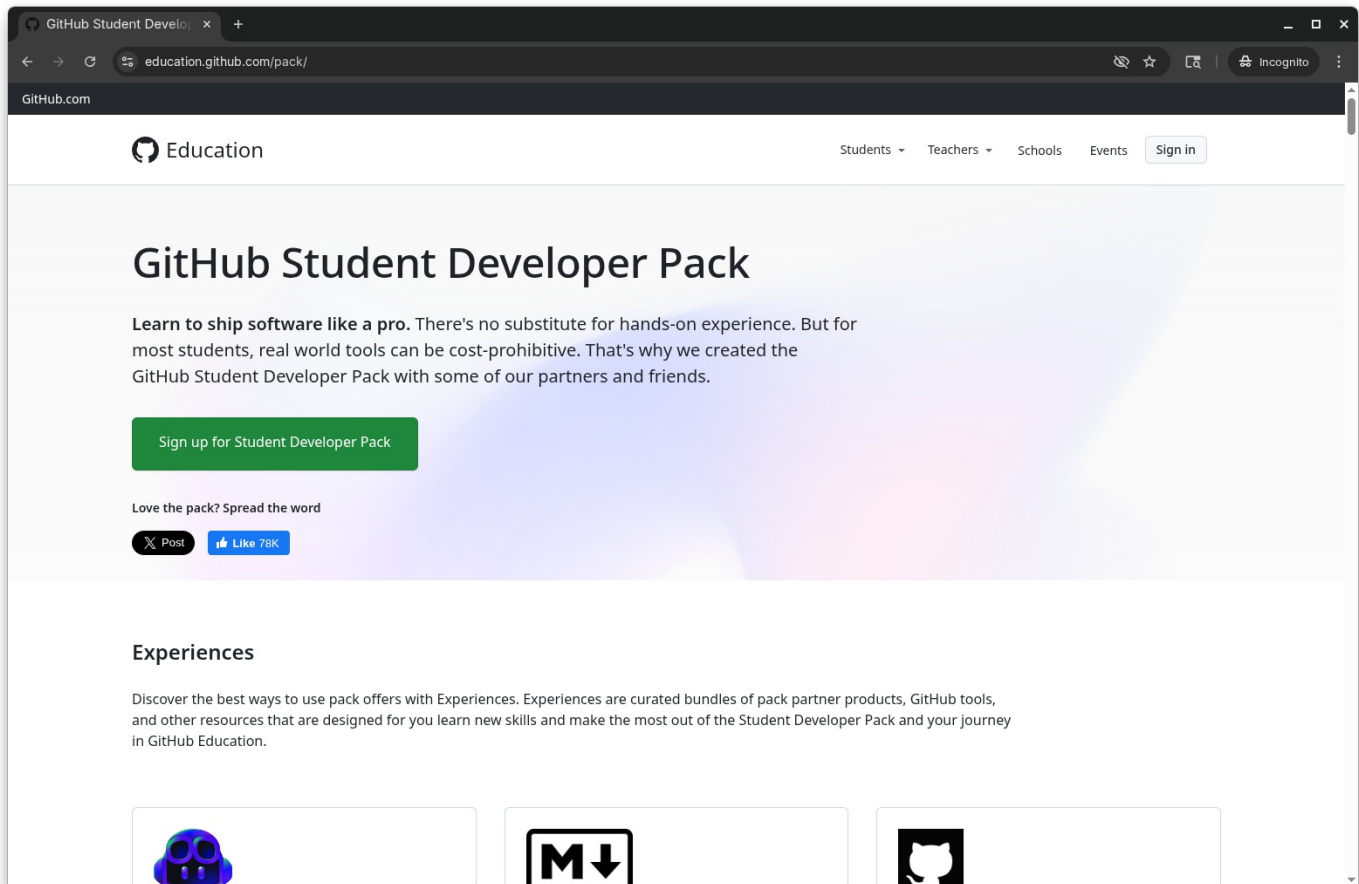
# What is GitHub Education?

GitHub Education is a program that gives students free access to a collection of professional-grade developer tools and resources, primarily through the **GitHub Student Developer Pack**. This pack bundles free services and credits from GitHub and its partners.

Key benefits include:

- A free **GitHub Pro** account, which offers unlimited private repositories and other premium features.
- Free access to **GitHub Copilot**, an AI pair programmer that suggests code in real time.
- Access to **professional tools**, such as cloud hosting credits from platforms like Microsoft Azure, free domain names, and more.

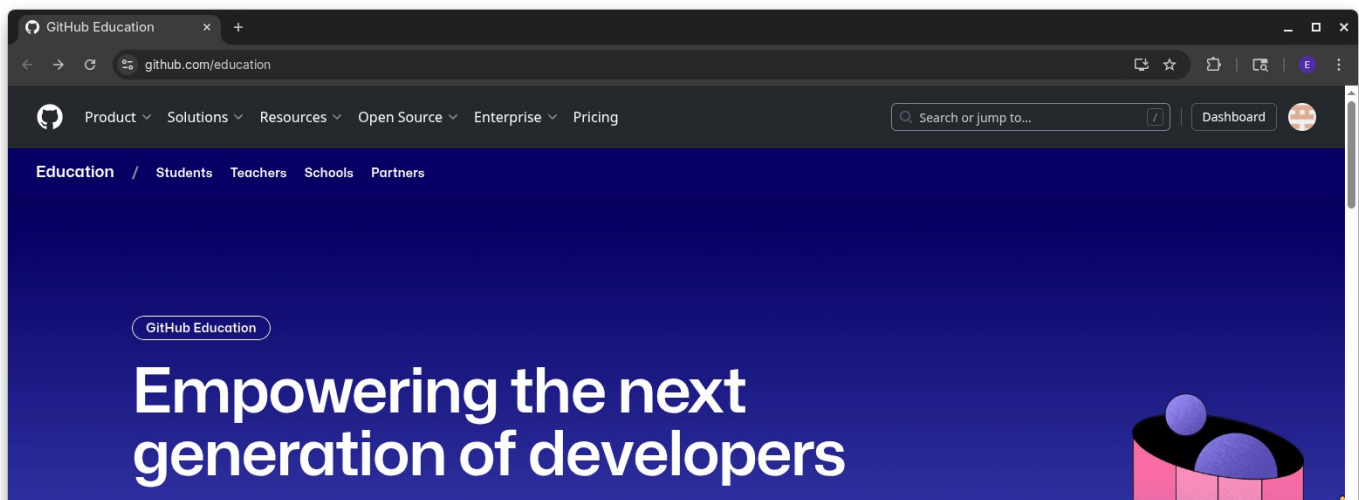
You can see the full list of offers at [education.github.com/pack](https://education.github.com/pack).

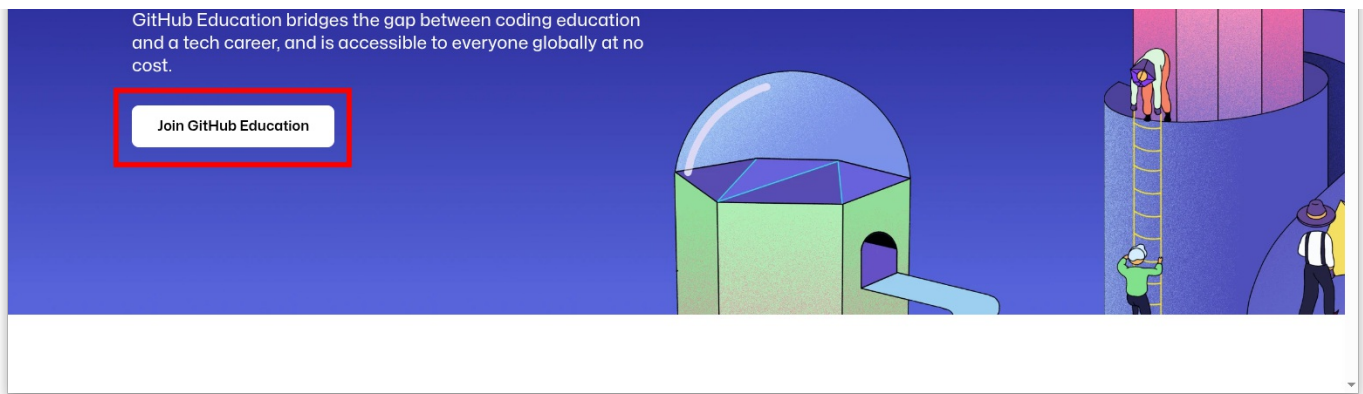


## How to Apply for GitHub Education

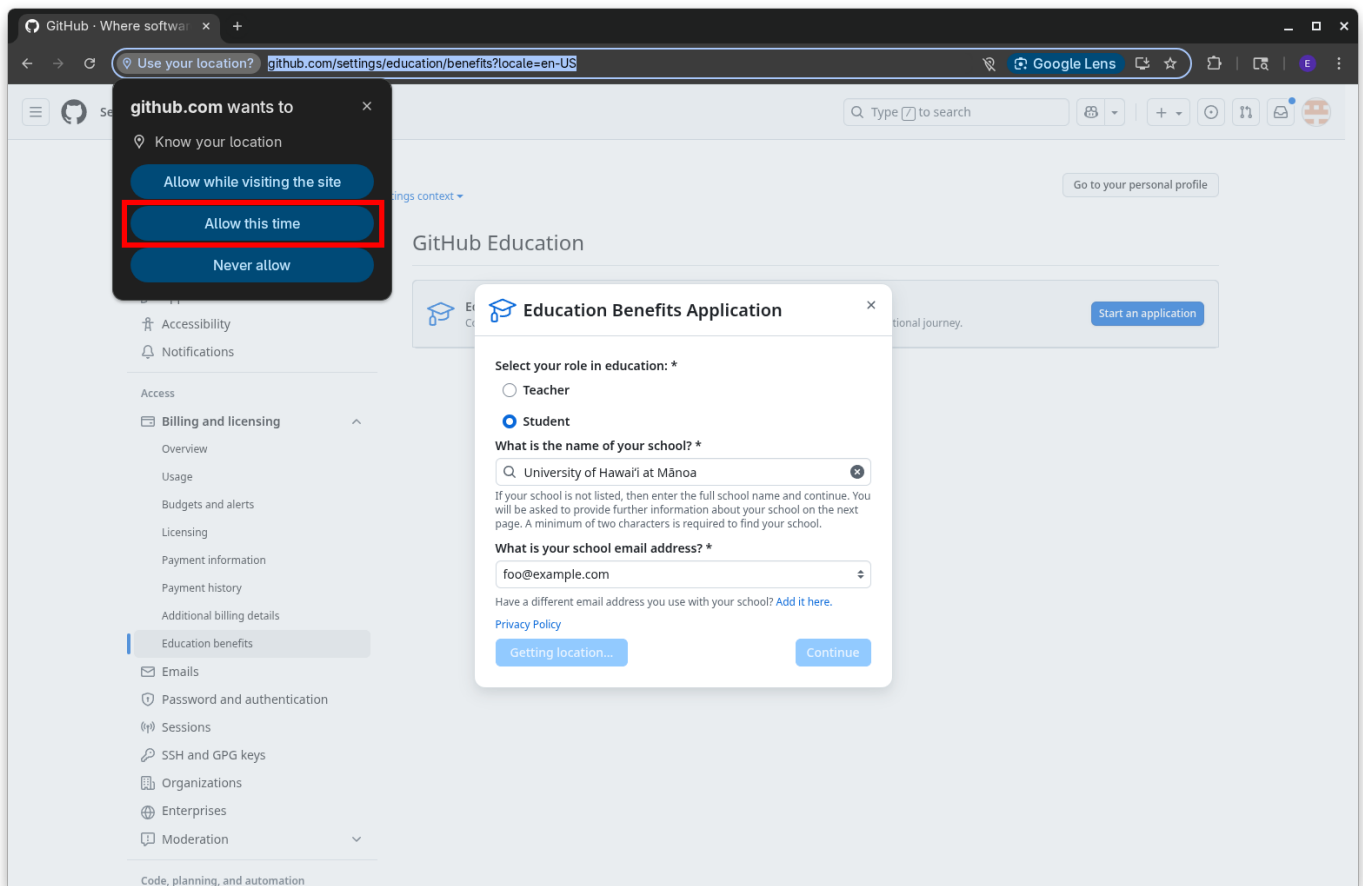
Follow these steps to apply for GitHub Education:

1. Go to the [GitHub Education website](https://github.com/education).
2. Click on **Get benefits** or **Join GitHub Education**.

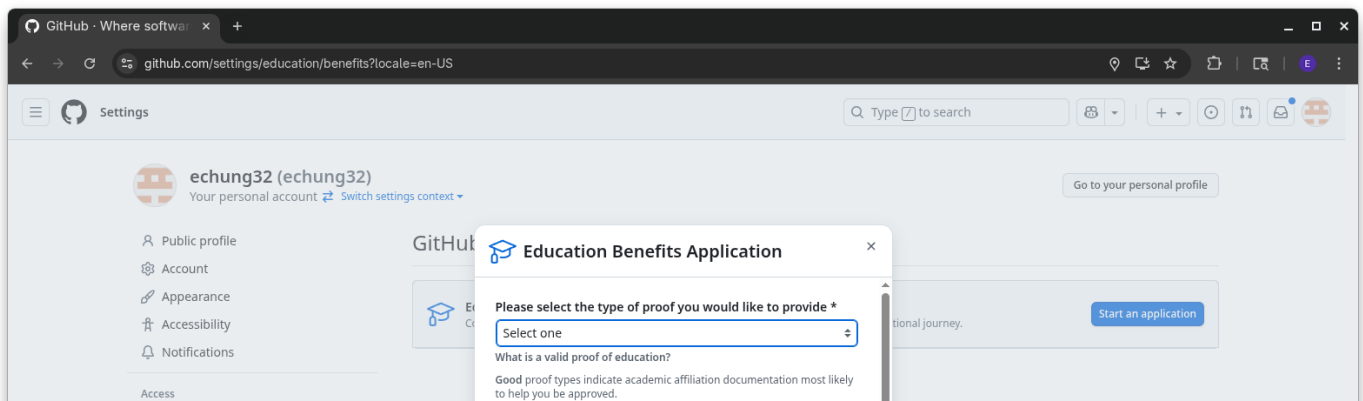


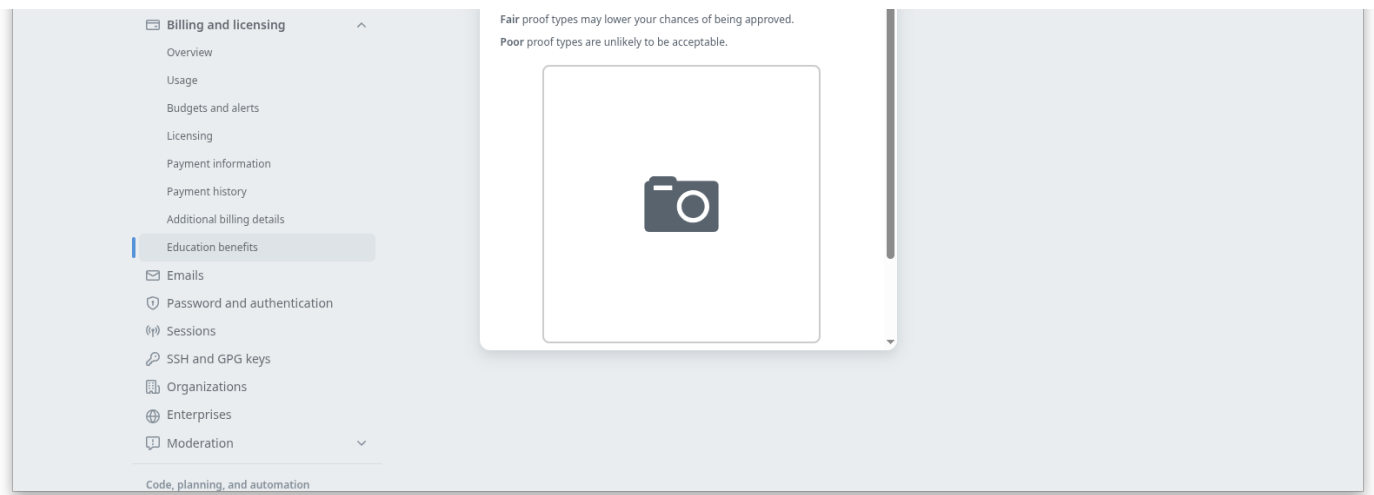


4. Select **Start an Application** and fill out the application form.
  - Enter `University of Hawai'i at Mānoa` for the school name.
  - Select your school-issued email address in the dropdown menu.
5. Click on **Share Location**. You may need to allow permissions from your browser.



6. Click on **Continue**.
7. You will be asked to provide proof of education. Submit a valid form.
  - A number of options are available, including Student ID. As our IDs are not dated, this is not an option for us.
  - As such, the most optimal option would be to upload your unofficial transcript, which can be retrieved from [star.hawaii.edu](https://star.hawaii.edu)
  - The form only accepts images, so we cannot use a PDF export. Take a screenshot of your transcript.





6. Click on **Submit Application**.

7. Wait for a confirmation email from GitHub. It can take a couple hours to a couple days.

Once approved, you'll have access to the GitHub Student Developer Pack and other educational resources.

**Tip:** Your GitHub Education status is valid for 2 years from the date of approval!

**Important:** Your GitHub Education request could get rejected; if this is the case, please let us know as soon as possible.