

GITHUB

Christian Camilo Urcuqui López, MSc



PRESENTACIÓN

Christian Camilo Urcuqui López

Ing. Sistemas, Magister en Informática y Telecomunicaciones

Big Data Professional

Big Data Scientist

Deep Learning Specialization

Grupo de investigación i2t

Líder de investigación y desarrollo

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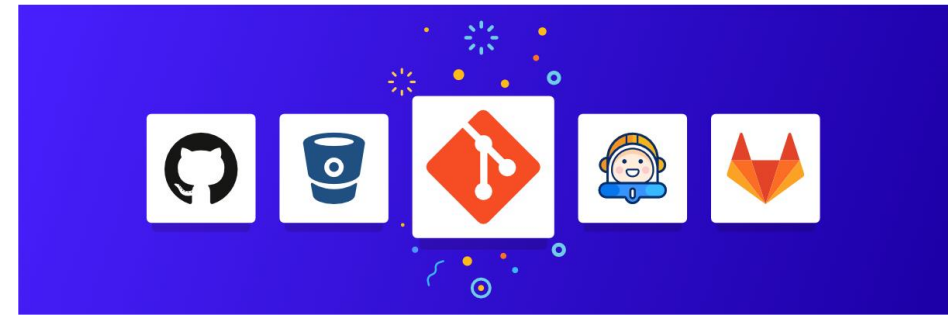
COMPETENCIAS

Utilizar GitHub para el control de versiones de proyectos de software.



GIT

- Git es un software de control de versiones, permite llevar el registro de los cambios en archivos de computadora y coordinar el trabajo que realizan varias personas sobre archivos compartidos.
- De este software podemos encontrar varias adaptaciones y funcionalidades adicionales, por ejemplo:
 - GitHub
 - GitLab
 - Bitbucket
 - SourceForge



GITHUB

Es una plataforma para desarrollo colaborativo de software, permite alojar proyectos utilizando un sistema de control de versión Git.

Actualmente, permite crear proyectos tanto públicos (software libre) y privados.

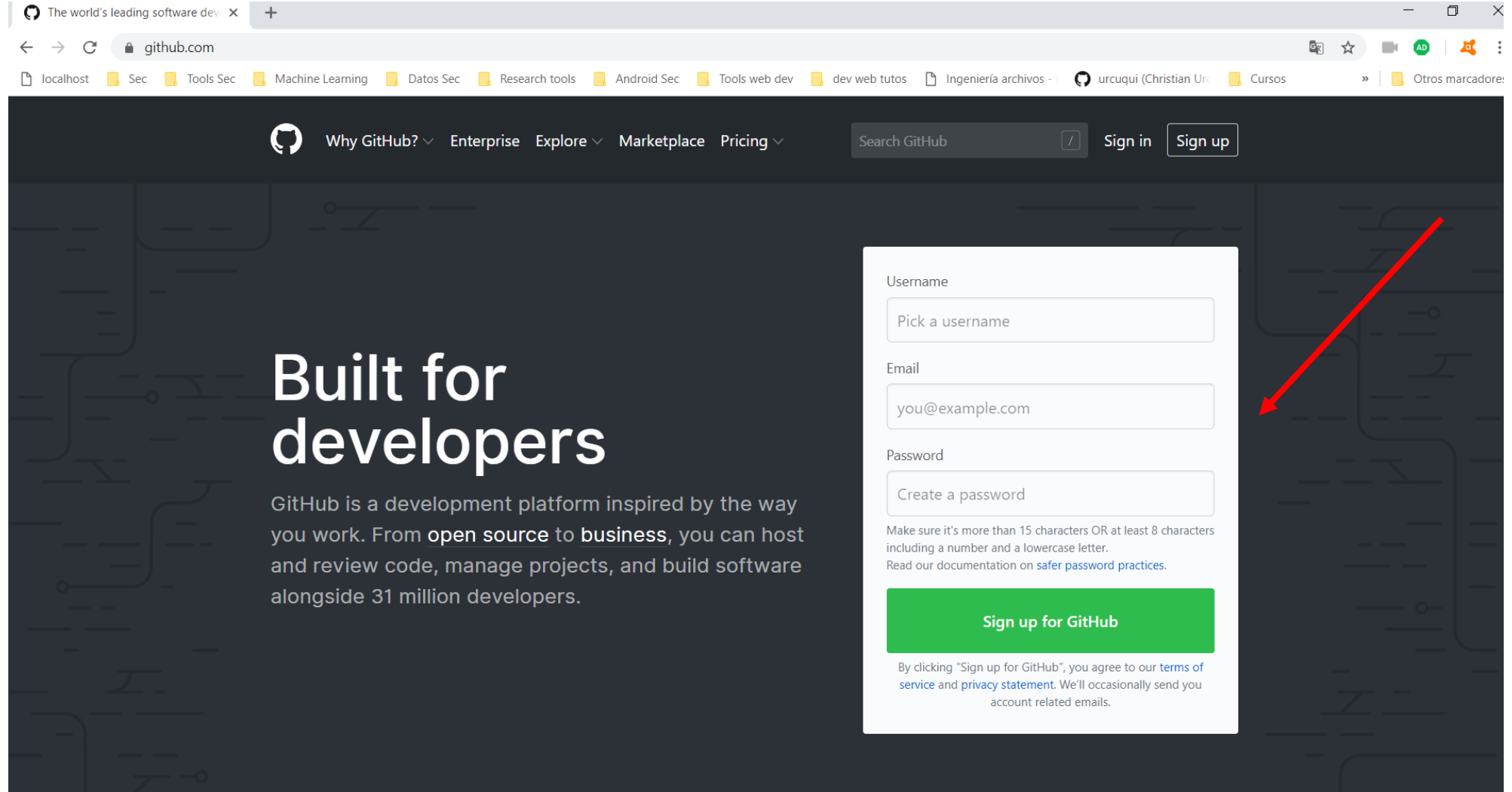
Cuenta con una aplicación de escritorio.

<http://github.com>



The screenshot shows the GitHub profile of Christian Urcuqui. At the top, there's a navigation bar with "Explore" on the left and tabs for "Overview", "Repositories" (46), "Stars" (78), "Followers" (47), and "Following" (33). The profile section includes a profile picture of a man with arms raised, the name "Christian Urcuqui", a "PRO" badge, and a bio: "System engineer, MSc, and Researcher. My research topics are: Data Science, Artificial Intelligence, and Computer Security". It also lists affiliations: "Universidad Icesi", email "ulcamilo@gmail.com", and website "urcuqui.github.com". Below this is an "Edit" button. The "Pinned repositories" section shows four pinned repos: "WhiteHat" (Python, 22 stars, 8 forks), "Apache-Spark" (Python), "Data-Science" (Jupyter Notebook, 1 fork), and "GetHTMLAndroid" (Java). Below the pinned repos is a "370 contributions in the last year" section with a heatmap showing activity from January to December. The heatmap has columns for months and rows for days of the week (Mon, Wed, Fri). A legend at the bottom right of the heatmap shows a color scale from "Less" (light green) to "More" (dark green). At the bottom, there's a "Contribution activity" section with a "Jump to" dropdown set to "2019" and a "2018" button.

CREAR UNA CUENTA DE GITHUB



The screenshot shows the GitHub homepage with a sign-up form on the right. A red arrow points to the email input field. The form includes fields for Username, Email, and Password, followed by a 'Sign up for GitHub' button and a disclaimer about terms of service and privacy.

The world's leading software development platform

github.com

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Built for developers

GitHub is a development platform inspired by the way you work. From open source to business, you can host and review code, manage projects, and build software alongside 31 million developers.

Username

Pick a username

Email

you@example.com

Password


Create a password


Make sure it's more than 15 characters OR at least 8 characters including a number and a lowercase letter.
Read our documentation on [safer password practices](#).

Sign up for GitHub

By clicking "Sign up for GitHub", you agree to our [terms of service](#) and [privacy statement](#). We'll occasionally send you account related emails.

CREAR UN REPOSITORIO

 Pull requests Issues Marketplace Explore



Christian Urcuqui
urcuqui

★ PRO

System engineer, MSc, and Researcher. My research topics are: Data Science, Artificial Intelligence, and Computer Security

👤 Universidad Icesi
✉ ulcamilo@gmail.com
🔗 urcuqui.github.com

Overview **Repositories 46** Stars 79 Followers 47 Following 33

Find a repository... Type: All Language: All **New**

Ciencia-de-datos-ICESI ★ Star
Repositorio de la Universidad Icesi para las clases de ciencia de datos de pregrado y posgrado 🎓 🤖
🟠 Jupyter Notebook ★ 3 🍴 3 Updated 3 hours ago

WhiteHat ★ Star
Information about my experiences in ethical hacking 🦴
security whitehat python hacker research researcher machine-learning
🟢 Python ★ 22 🍴 8 Updated 13 hours ago

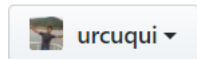
Data-Science ★ Star
My projects about applications of data science to solve problems 🧠

CREAR UN REPOSITORIO

Create a new repository

A repository contains all the files for your project, including the revision history.

Owner



Repository name

Great repository names are short and memorable. Need inspiration? How about **ideal-couscous**.

Description (optional)



Public

Anyone can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.



Initialize this repository with a README

This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

Add .gitignore: None ▾

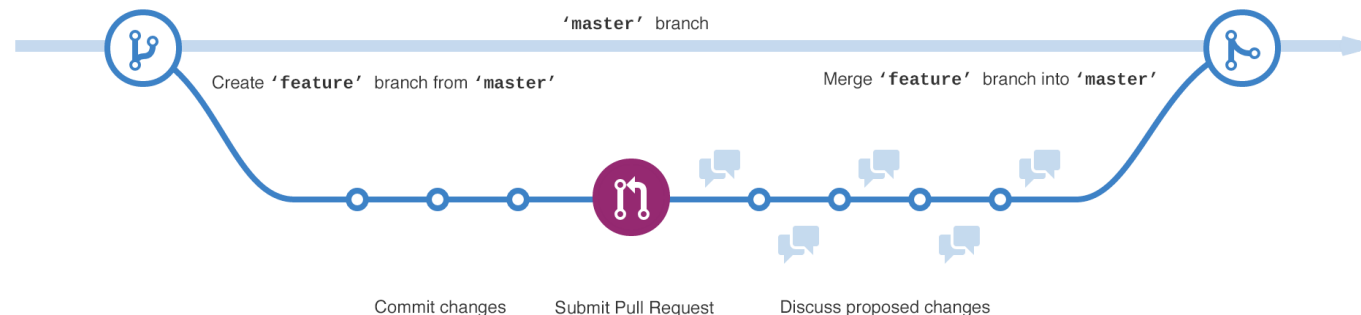
Add a license: None ▾



Create repository

CREAR UNA RAMA DE TRABAJO - BRANCH

- Un proyecto puede estar integrado por varios equipos de trabajo con la finalidad de abarcar objetivos o funcionalidades por separado.
- El hecho de trabajar sobre el proyecto raíz podría ocasionar la generación de conflictos en los archivos, es decir, dos o más personas alterando un mismo documento.
- Un camino para ejecutar pruebas o añadir funcionalidades sin alterar la raíz del proyecto es hacer copias de este en un instante de tiempo – conocidas como ramas o branch.



prueba

Edit

[Manage topics](#)

1 commit

1 branch

0 releases

1 contributor

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download

Switch branches/tags

rama1

Branches

Tags

Create branch: rama1
from 'master'

Latest commit 19f78ea just now

Initial commit

just now

hello_world

prueba

AGREGAR ELEMENTOS DESDE LA WEB

The screenshot shows the GitHub interface for the repository 'urcuqui / Ciencia-de-datos-ICESI'. At the top, there are buttons for 'Unwatch', 'Star' (3), and 'Fork' (3). Below this is a navigation bar with 'Code', 'Issues' (0), 'Pull requests' (0), 'Projects' (0), 'Wiki', 'Insights', and 'Settings'. The repository description is 'Repositorio de la Universidad Icesi para las clases de ciencia de datos de pregrado y posgrado' with a graduation cap and robot icon, and an 'Edit' button. Below the description is a 'Manage topics' link. A summary bar shows '40 commits', '1 branch', '0 releases', and '2 contributors'. Below this is a row of buttons: 'Branch: master', 'New pull request', 'Create new file', 'Upload files' (highlighted with a red arrow), 'Find file', and 'Clone or download'. At the bottom, a commit message 'urcuqui updated' is shown with the text 'Latest commit 15a9b20 4 hours ago'.

urcuqui / Ciencia-de-datos-ICESI

Unwatch 3 Star 3 Fork 3

Code Issues 0 Pull requests 0 Projects 0 Wiki Insights Settings

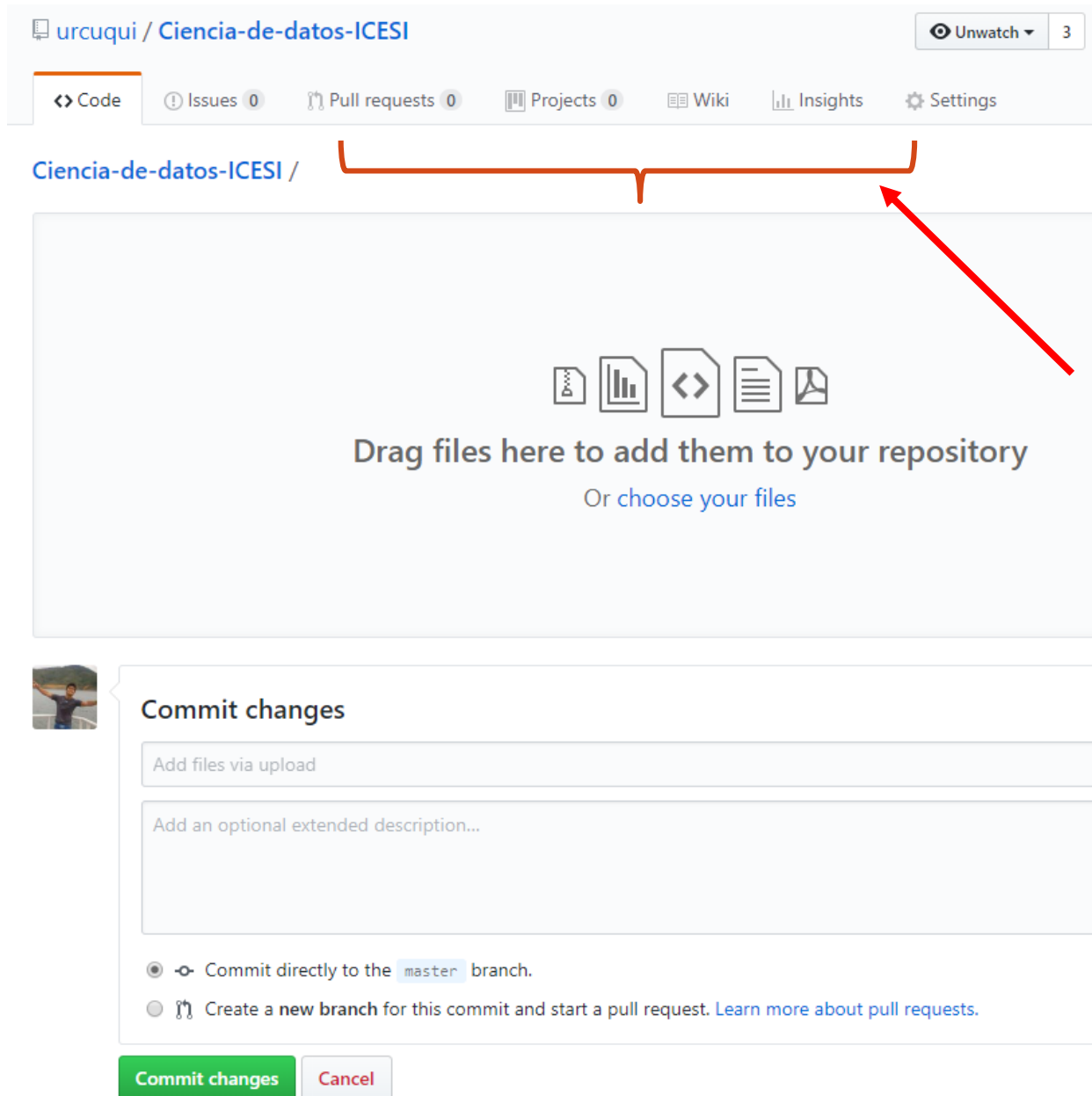
Repositorio de la Universidad Icesi para las clases de ciencia de datos de pregrado y posgrado 🎓🤖 Edit

Manage topics

40 commits 1 branch 0 releases 2 contributors

Branch: master New pull request Create new file Upload files Find file Clone or download

urcuqui updated Latest commit 15a9b20 4 hours ago



- **Issues:** problemas reportados en algún archivo del repositorio
- **Pull requests:** solicitudes de cambios al repositorio por externos
- **Projects:** proyectos asociados al repositorio
- **Wiki:** blog del repositorio
- **Insights:** reportes sobre el repositorio
- **Settings:** configuraciones

FLUJO DE TRABAJO

urcuqui / hello_world Unwatch 1

[Code](#) [Issues 0](#) [Pull requests 0](#) [Projects 0](#) [Wiki](#) [Insights](#) [Settings](#)

hello_world /

Drag files here to add them to your repository
Or [choose your files](#)

Commit changes

Add files via upload

Add an optional extended description...

☒ Commit directly to the **main** branch.

☐ Create a new branch for this commit and start a pull request. [Learn more about pull requests.](#)

[Commit changes](#) [Cancel](#)

Commit: permite registrar los cambios del repositorio local sin actualizar los archivos alojados en GitHub

urcuqui / hello_world

Unwatch

1

Star

0

Fork

0

Code

Issues 0

Pull requests 0

Projects 0

Wiki

Insights

Settings

prueba

Edit

Manage topics

2 commits

2 branches

0 releases

1 contributor

Your recently pushed branches:

rama1 (less than a minute ago)

Compare & pull request

Branch: rama1

New pull request

Create new file

Upload files

Find file

Clone or download

This branch is 1 commit ahead of master

Pull request

Compare

urcuqui mi primer archivo

Latest commit e94293a 7 minutes ago

README.md	Initial commit	12 minutes ago
archivo_prueba.txt	mi primer archivo	7 minutes ago

README.md

hello_world

prueba

FLUJO DE TRABAJO

Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).

base: master ← compare: rama1 ✓ Able to merge. These branches can be automatically merged.

mi primer archivo

Write

Preview

hello

Attach files by dragging & dropping, selecting them, or pasting from the clipboard.

Styling with Markdown is supported

Create pull request

Reviewers

No reviews

Assignees

No one—assign yourself

Labels

None yet

Projects

None yet

Milestone

No milestone

1 commit

1 file changed

0 commit comments

1 contributor

Commits on Jan 08, 2019

urcuqui

mi primer archivo

Verified e94293a

Showing 1 changed file with 1 addition and 0 deletions.

Unified Split

1 archivo_prueba.txt

Copy path View file

... @@ -0,0 +1 @@

1 + hello world github

Pull request: nos permitirá transferir los cambios registrados desde el commit hasta la raíz (master) del repositorio

FLUJO DE TRABAJO

mi primer archivo #1

Open urcuqui wants to merge 1 commit into master from ramal

Conversation 0 Commits 1 Checks 0 Files changed 1 +1 -0

urcuqui commented a minute ago
hello from the pull request

mi primer archivo ... Verified e94293a

Add more commits by pushing to the ramal branch on urcuqui/hello_world.

Continuous integration has not been set up
Several apps are available to automatically catch bugs and enforce style.

✓ This branch has no conflicts with the base branch
Merging can be performed automatically.

Merge pull request You can also open this in GitHub Desktop or view command line instructions.

Write Preview AA B i “ < > @ Lock conversation

Leave a comment

Attach files by dragging & dropping, selecting them, or pasting from the clipboard.

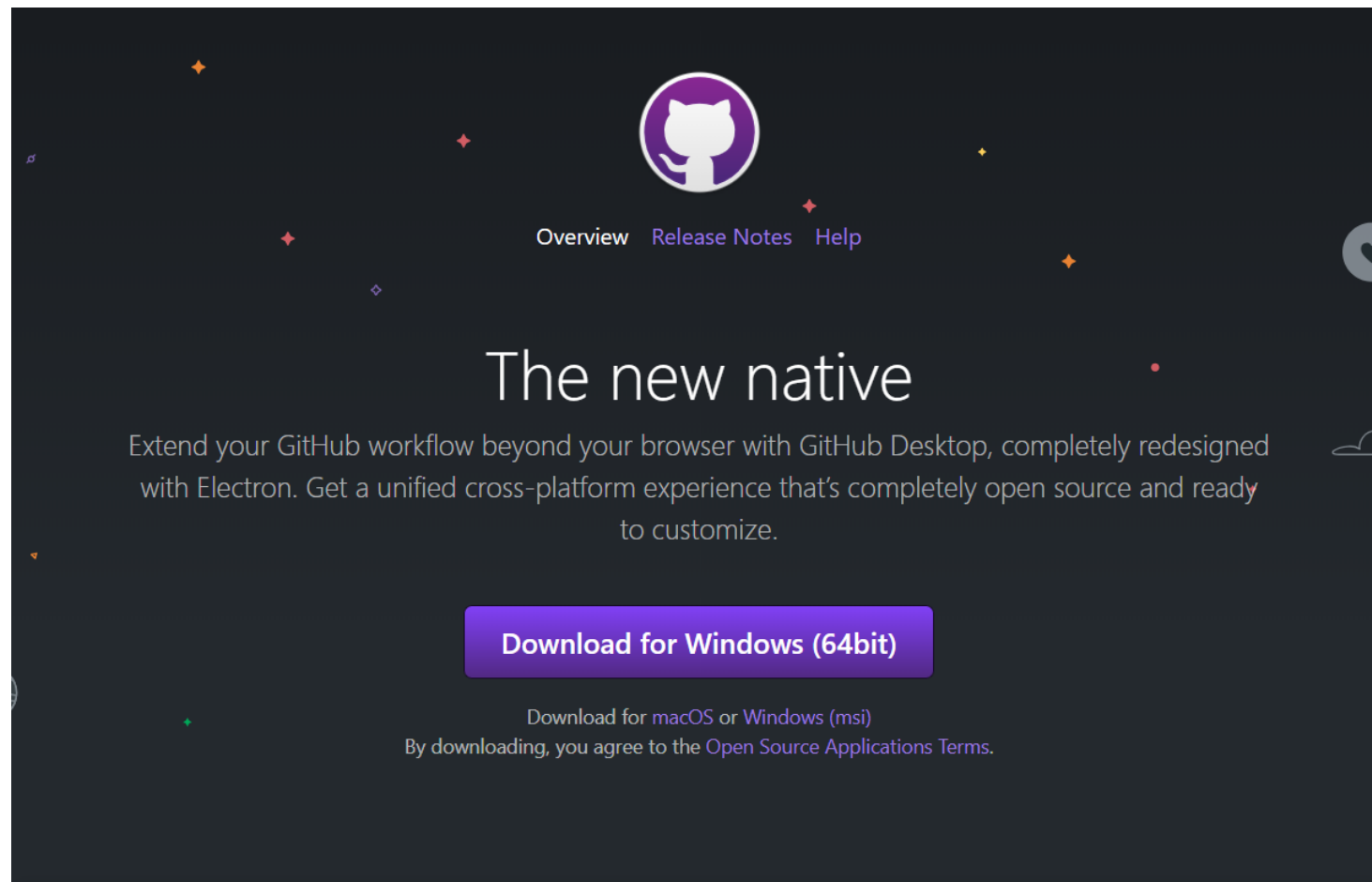
Styling with Markdown is supported

Close pull request Comment

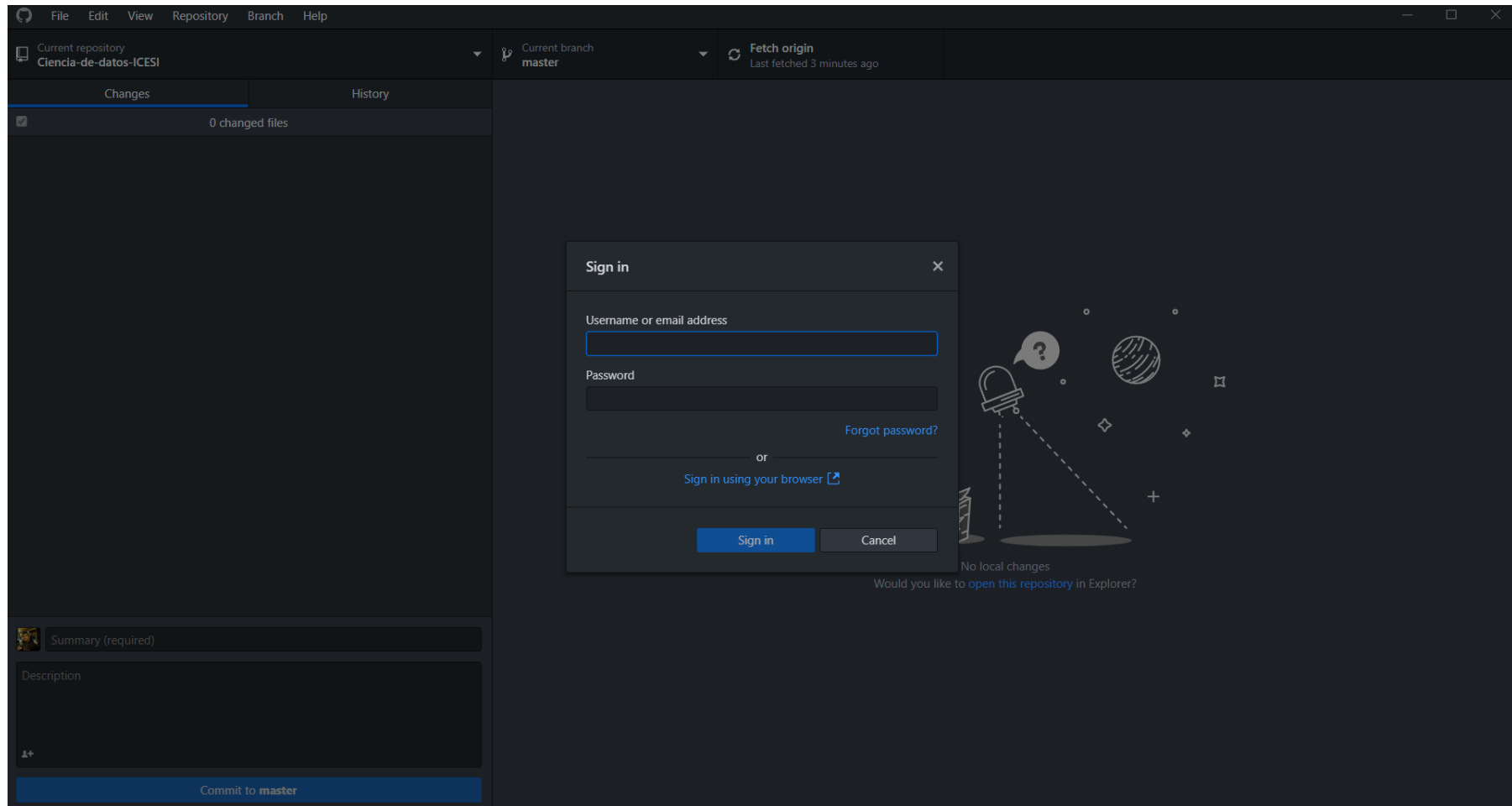
Integración continua, no se presentan conflictos en los cambios realizados desde la rama hacia la raíz, ahora podemos integrar los cambios para que cualquier persona que tenga acceso al repositorio pueda obtenerlos (Merge pull request)

APLICACIÓN DE ESCRITORIO

<https://desktop.github.com/>

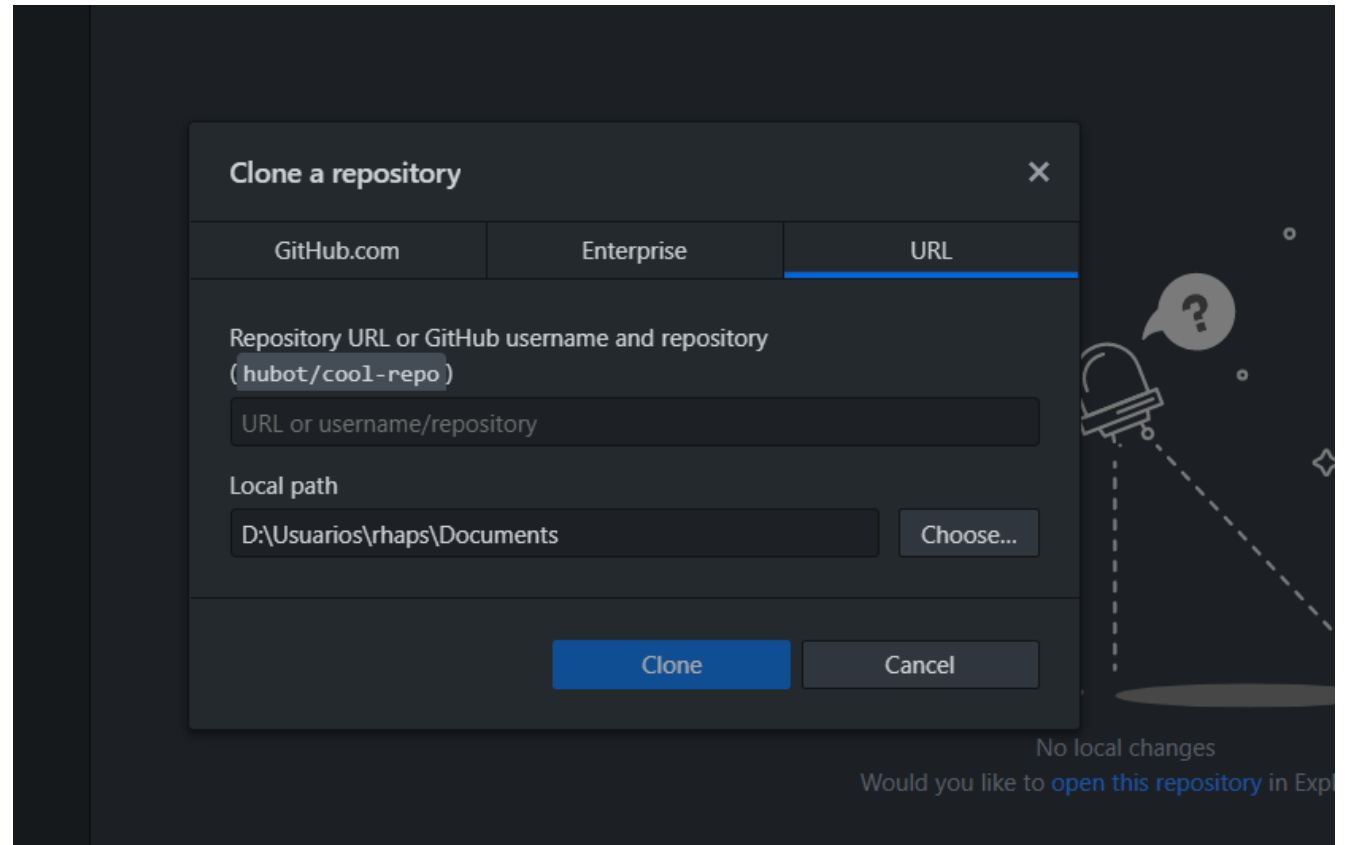


INGRESAR CON LA CUENTA CREADA

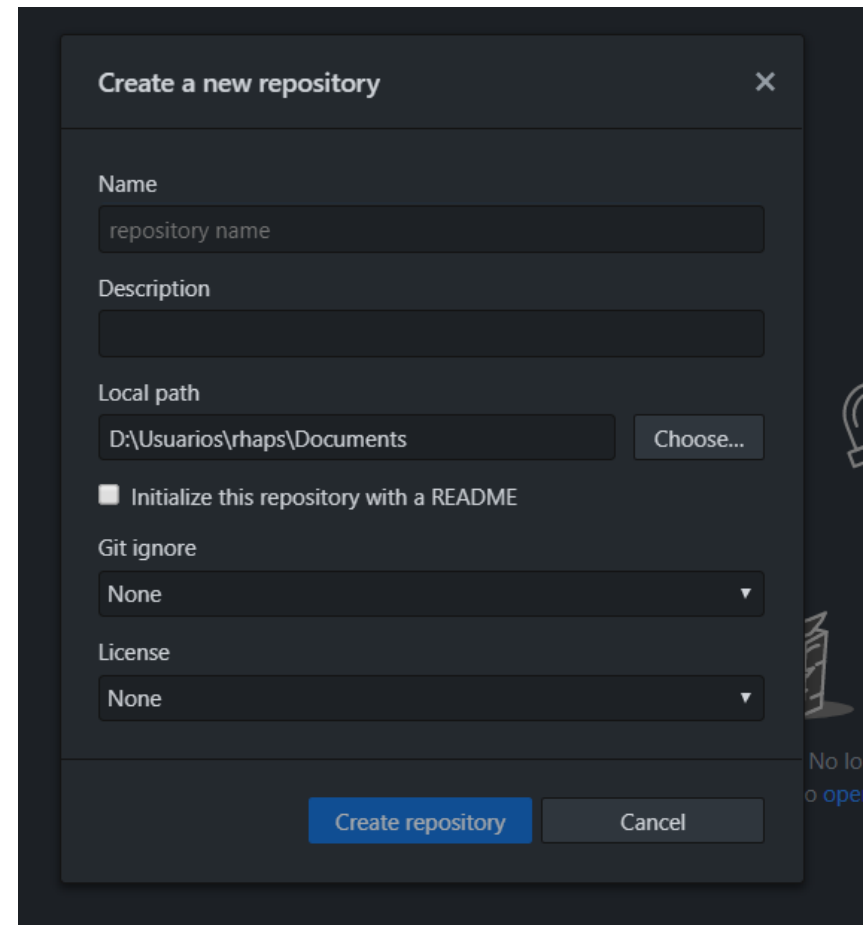
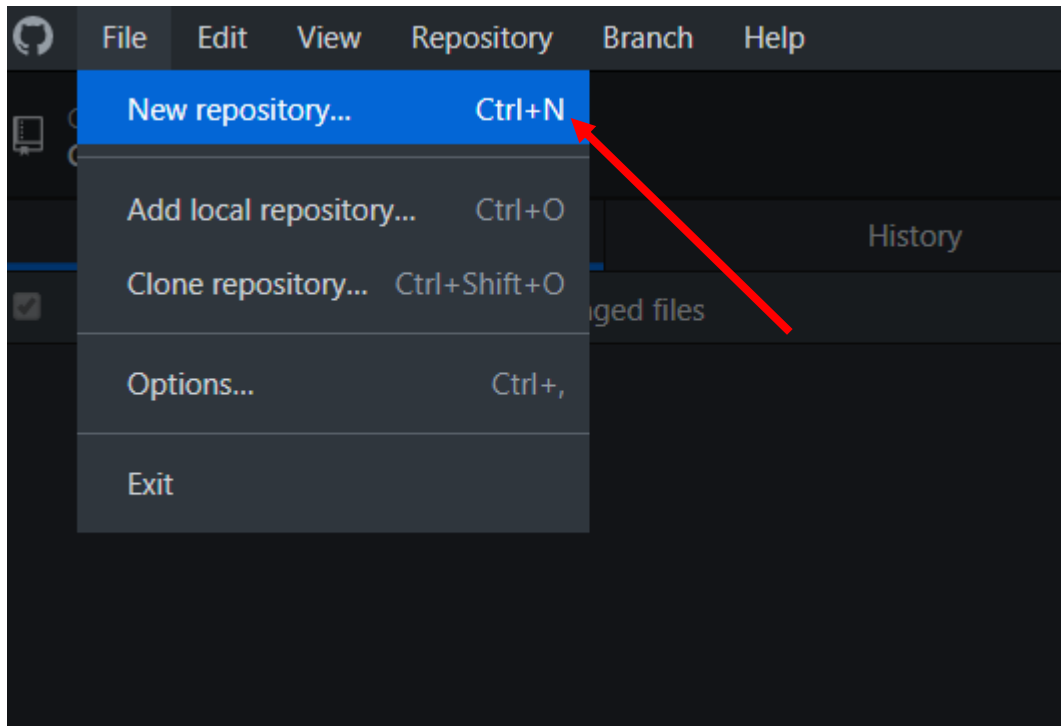


CLONAR UN REPOSITORIO

<https://github.com/urcuqui/Ciencia-de-datos-ICESI>



CREAR UN REPOSITORIO



CLONAR UN REPOSITORIO

