

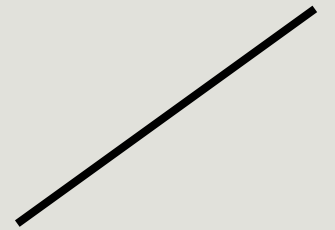
// Innovation, Research and Social Impact



SORAYA MEDEIROS

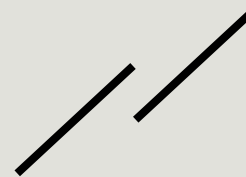
www.sorayaroberta.com

cd soraya_medeiros



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Over the last 12 years, I have impacted the lives of people and institutions with Research and Innovation in Product Design, Training and UX Research, developing art with code and working in the management of educational projects.



./Education

FEDERAL UNIVERSITY OF PERNAMBUCO

2022 - Ongoing | PhD in Computer Science

FEDERAL UNIVERSITY OF RIO GRANDE DO NORTE

2020 - 2022 | MPS in Innovation in Educational Technologies

2016 - 2019 | BsC in Information Systems

FEDERAL INSTITUTE OF RIO GRANDE DO NORTE

2012 - 2015 | Informatics (Technical Degree)



Speaker

EuroPython

2024

CompiledPoem.py: Teaching about diversity and Python through poem

PyCon Sweden

2023

CompiledPoetry.py: Teaching about diversity with Python and poetry

Python Brasil

2018

`print("Você já ensinou Python para uma pessoa hoje?")`



Writer

SBC - Horizontes

2023 - Ongoing

Editor of the column “Culture and Criticism” from SBC Horizontes magazine (Brazilian Computing Society)

Brazilians in Tech

2022 - Ongoing

Technical and community articles about Computing and related areas on Brazilians in Tech’s Medium website

Mulheres na Computação

2015 - 2018

Interviews and articles about Women in Computing for Camila Achutti’s blog



Communities

Python Brasil

Brazilian Python
community

EuroPython

European Python communit

PyLadies Paris

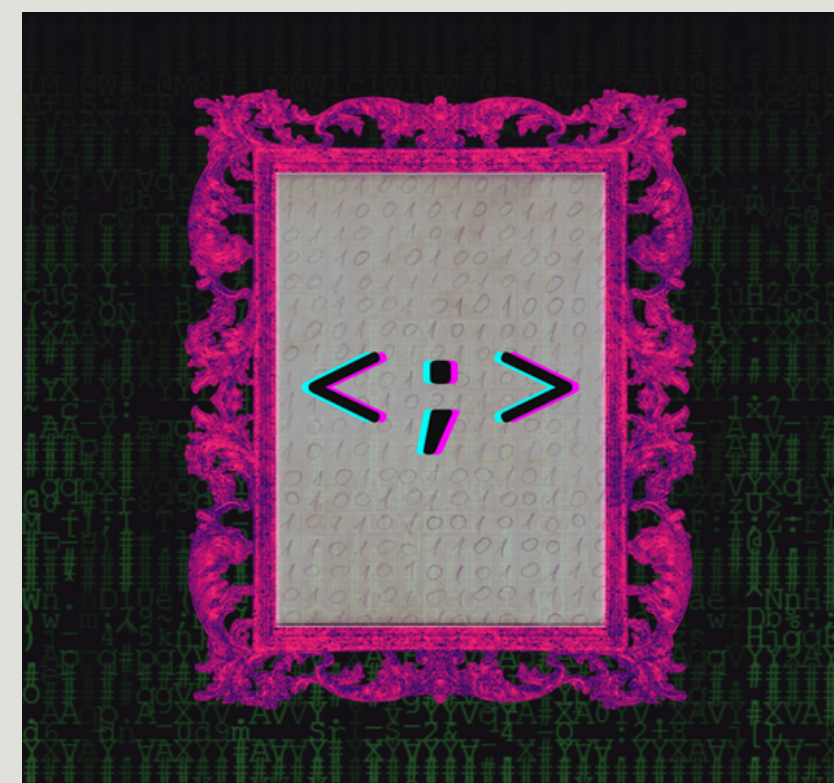
Group of Women devs
focusing on the Python
programming language

CInTla

Group of IT women at
UFPE

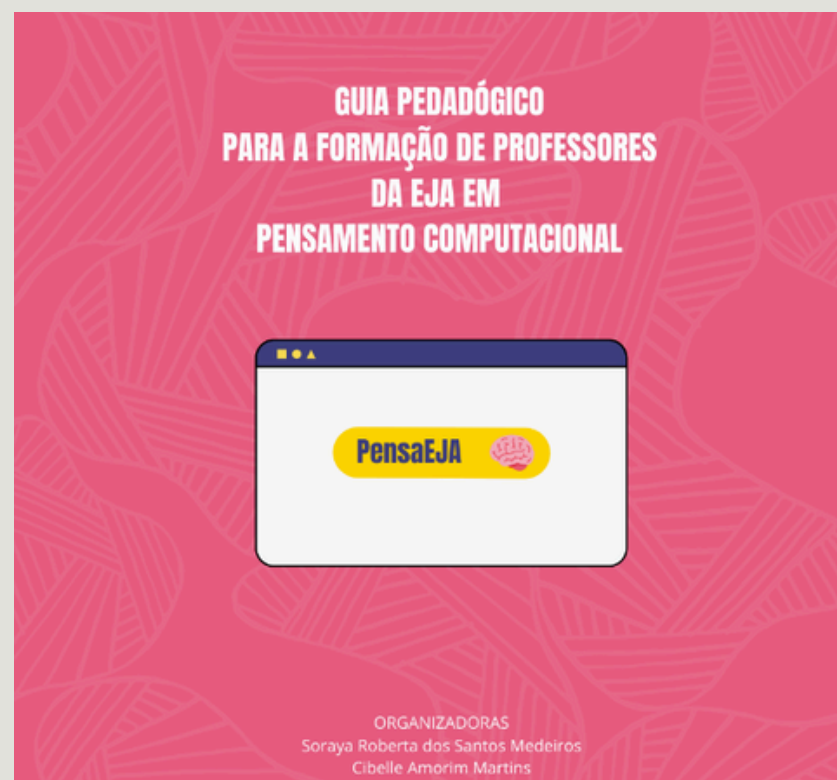


./projects



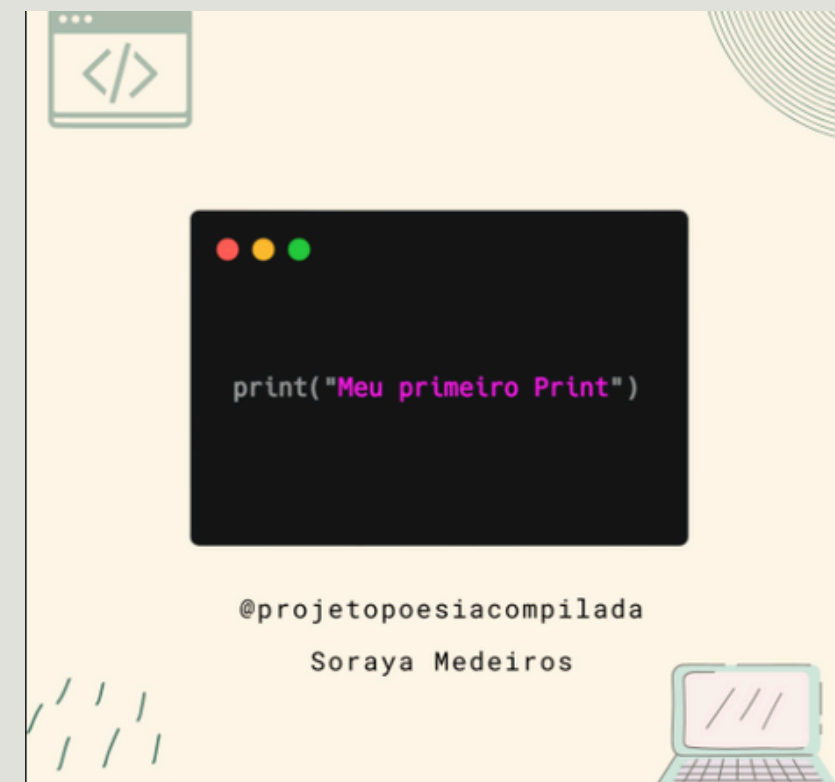
./brands

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Poesia Compilada

2012 - Ongoing

CLIENT: IFRN, UFRN, UFPE AND PERSONAL PROJECT

Methodology for teaching algorithms through poems. The project was applied in public schools, and it promoted improvements in reading and text production. I worked from ideation to publication of results, including brand design, as well as scientific dissemination.

Brand | Research | Python | HTML | CSS | Git | Teaching



Salus Plataforma

2021 - 2022

CLIENT: LAIS | HUOL – UFRN AND MINISTRY OF HEALTH OF BRAZIL

Platform for Healthcare and Surveillance in the Brazilian Public Health System (SUS). I worked as a UX researcher, from ideation to implementation and training of professionals in Basic Health Units, on the Salus - Syphilis version. The project is currently present in Health Units across 15 Brazilian states.

Figma | UX research | Scientific Writen | SCRUM



Making Art With Code

2022 - Ongoing

PERSONAL PROJECT

Podcast about people who make art with code. Built the brand, logo, script and edit the podcast. First podcast in Brazil in this niche.

Canvas | Content Production | Audacity



PensaEJA

2020 - 2022

CLIENT: PPGITE | IMD – UFRN

Methodology and E-book to train Youth and Adult Education teachers in developing Computational Thinking skills. I worked on research, implementation/teaching training, layout, and dissemination of the final product. First material focused on training EJA (Youth and Adult Education) teachers to work with Computational Thinking in Brazil.

Brand | Research | Canvas | Scientific Writen | Content Production



E-book

2020 - 2022

CLIENTE: PPGITE | IMD – UFRN

E-book to Encourage 60+ People in developing Computational Thinking skills during the COVID-19 pandemic. I was involved from research, teacher training/implementation to the dissemination of the final product - an e-book aimed at stimulating people aged 60 and above in developing computational thinking skills during the COVID-19 pandemic.

Canvas | Research | Science Communication| Content Production



Virtual Museum

2016 - 2018

CLIENT: PPGAS – UFRN

Virtual Museum for the preservation of black, indigenous and Quilombola heritage in the state of Rio Grande do Norte. I worked on implementation, team management and dissemination of the 2017 version.

Documentation | Research | PHP | HTML | CSS | SCRUM



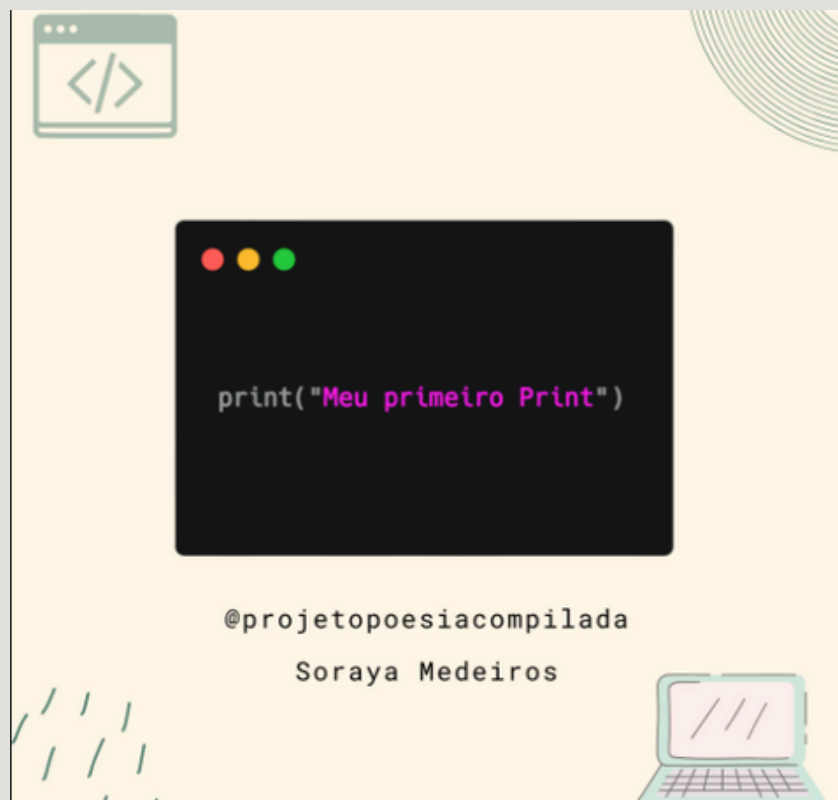
Samanaú Plataforma

2012 - 2015

CLIENT: CCSL – IFRN

Platform for capturing atmospheric data in partnership with INPE, made with Free Software and low-cost hardware. I worked in the documentation process and advising programmers.

Documentation | Research | SCRUM | Scientific Communication



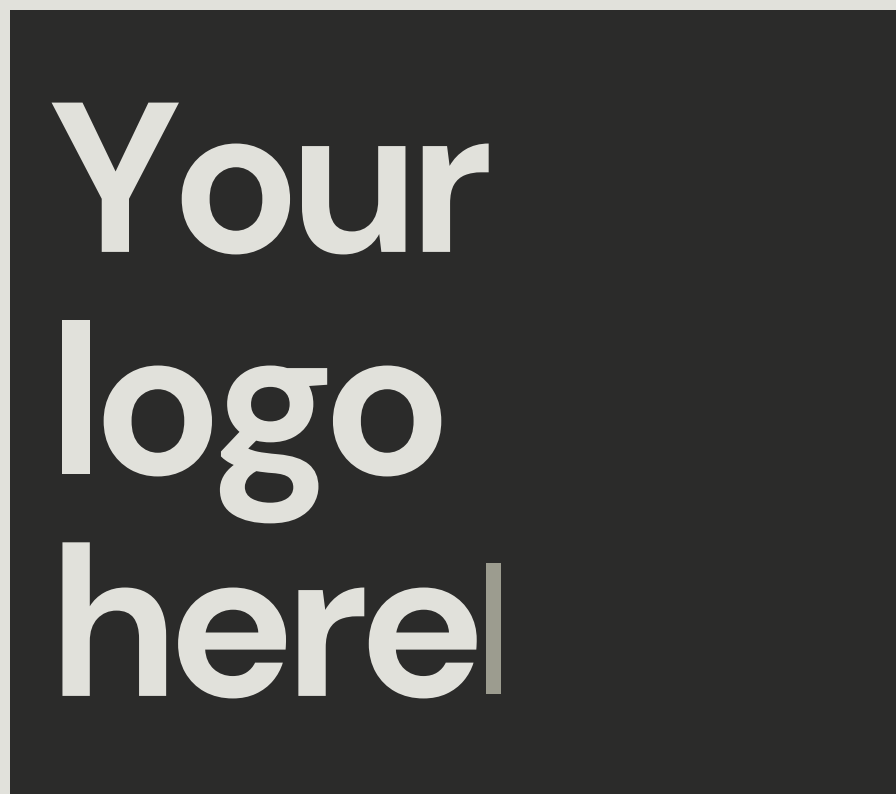
E-book

2022

PERSONAL PROJECT

E-book with Poems in algorithm format to teach Python using themes such as combating racism, xenophobia, discussing gender and feminism for children.

Python | Research | Canvas | Diagramation



Your Project here

NAME OF YOUR ENTERPRISE

Description of the solution to your problem and its results.

Next Skills to be developed

./Awards

GHC Scholarship

2023

Scholarship for the Grace Hopper Celebration conference.



Best Paper | CBIE

2018

Two award-winning papers at the Brazilian Congress of Informatics in Education.



Best Paper | Ctrl+e

2017

Best Paper at the 2017 Education Technologies Conference



./Media

ESTADÃO

Da rima ao algoritmo: jovem programadora usa poesia para ensinar Linguagem de Programação



Cibernéticas

Documentary about Women who are impacting Computing in Brazil.



Idade Mídia

Episode on How to Educate in Algorithms for the Canal Futura Age Mídia Program | Globo






<LET'S IMPACT THE WORLD?>

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 @soraya_rbrt

 Paris, France