

JESSICA TEMPORAL

Python Developer, Data Scientist and Bachelor in Biomedical Informatics

+55 16 99229-8700

@ jessicatemporal@gmail.com

jtemporal.com

Sao Paulo, Brazil

EXPERIENCE

Data Scientist on Serenata de Amor Operation

Data Science Brigade

Jan 2017 - ongoing

<https://datasciencebr.com/>

Serenata de Amor Operation promotes transparency using data science. It's an open source and open data project with great traction in the tech community. The project named after the Toblerone Affair, a Swedish political scandal, in which a politician has been forced to withdraw her candidacy for Prime Minister after found using a government credit card for buying a chocolate bar. Aiming that same accuracy level we leverage public and independently collected databases to estimate the probability of an expense being suspect, combining Machine Learning, Statistics, Data Science and white hacking skills to cause a positive impact

- Succeeded in making Brazilian politicians to return improperly spent public money
- 216 politicians reported for the possibly illegal use of 378k Brazilian reais (123.5k USD) in the first week of reports
- More than 1.7k stars on GitHub and 400 members in our tech forum
- Largest technology crowdfunded project in Brazil

Python Developer Intern

Hippo Drs

Feb 2016 - Aug 2016 Ribeirao Preto, SP - Brazil

Hippo Drs is a technology in health care start up. Won first place in the Business Maraton at Campus Party Brazil 2016. As an intern, I was responsible for the development and implementation of Hippo Drs platform functionalities. Initially as full-stack developer and later more focused on back-end tasks.

- Hippo Drs. project involved the use of Python, Django, MySQL, NGINX, API Rest, Git, Linux and automated deployment and tests.

EDUCATION

Bachelor in Biomedical Informatics

University of Sao Paulo

Feb 2011 - Feb 2016 Ribeirao Preto, SP - Brazil

- Undergraduate research student in Natural Language Processing - 2016
- Biomedical Informatics Student Body President - 2014
- Biomedical Informatics Student Body Director of communications - 2013
- Volunteer at the X Bioinformatics Summer Course - 2014

PROJECTS

PyLadies - Ribeirao Preto

Sep 2016 - ongoing Ribeirao Preto, Sp - Brazil

Helped initiate a PyLadies chapter in Ribeirão Preto city

- Talk "Coding is not only for boys" (in Portuguese) in the 21st University Cultural Week

Jessie - NLP pipeline

July 2016 - Dec 2016 Ribeirao Preto - USP

jtemporal.com/jessie

Jessie is my final graduation project, it's main objective is to analyse and make public a collection of Portuguese tweets that mentioned four diseases with major impact on the Brazilian health scenery.

- 2 trained POS-taggers were made available
- Validation of a base method natural language processing with tweets in Portuguese

VOLUNTEER

Organizing Comitee Member

grupy-rp

Feb 2017 - ongoing Ribeirao Preto, SP - Brazil

This year Caipyra will be a 5 days Python-'focused' event. Besides our canonical talks that welcomes different development tools and practices, we will also have a Django Girls as pre-event.

Coach

Django Girls Florianopolis

Oct 2016 Florianopolis, SC - Brazil

Django Girls is a free, one day event, organized by volunteers from the Django Girls community.

- Responsible for three attendees of the Florianopolis edition

EDUCATION

Bioinformatics research student

Omics Laboratory - University of Sao Paulo

📅 Mar 2014 - June 2015 📍 Ribeirao Preto, SP - Brazil

- Participated as data scientist in STEM Cells research
 - Analysed microRNA expression in meningioma cancer cells
 - The projects mainly used R, cloud computing, Linux and Git as resources
-

Bioinformatics research student

Hematology Laboratory - Hospital das Clinicas

📅 June 2015 - Jan 2016 📍 Ribeirao Preto, SP - Brazil

- Co-author in a Role of TAM in post-sepsis tumor progression paper published on January 2016, mainly contributing by developing scripts to analyse gene expression data
 - Summer internship in Bioinformatics at Weill Cornell Medical College - July 2015
-

LANGUAGES

Portugues Native **English** Proficient

TECHNOLOGIES

Python	R	Java	C	C++	SQL	CSS
HTML	VIM	Git	Linux	MySQL	PostgreSQL	
Django	REST APIs	Heroku	TDD	Data Science		
Big Data	Open Source					

VOLUNTEER

Organizing Comitee Member

grupy-rp

📅 Mar 2016 - June 2016 📍 Ribeirao Preto, SP - Brazil

Caipyra was in 2016 a four days Python-'focused' event, with other subjects and languages appearing in talks as event 'guests', in the spirit of welcoming different development tools and practices to the community.
2016.caipyra.python.org.br

Organizing Comitee Member

Omics Laboratory

📅 Jan 2014 📍 Ribeirao Preto, SP - Brazil

Volunteered at Omics Laboratory thus helping organize X Bioinformatics Summer Course. During the course worked both on administrative and social tasks such as:

- Organizing the Dinner with Speakers;
 - Translator to both speakers and participants.
-