Diego Rabatone O.

Computer Engineer

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diraol.eng.br
diraol@
usp.br

IRC
#diraol (at)
irc.freenode.net

Twitter
@diraol

Web & Git
cv.diraol.eng.br
github.com/diraol

Programming
Python
JavaScript
CSS
ShellScript
R
LATEX
ghv.artzub.com/
#user=diraol

Daily OS
Debian GNU/Linux
Gnome3
Vim

Other Techs
Nginx
Varnish
Xen
MySQL
Postgres
CartoDB
QuantumGis
Inkscape
Gimp

Experience

07/12 - Now **Digital Media Analist**   O Estado de S.Paulo S/A
Main developer of the data driven journalism team ("Estadão Dados").
Responsabilities:
DataViz - From concept creation to full deploy, usually web interactive
Data Analysis - Analysis of public databases of any area of knowledge
Data Scraping - Gathering public data mostly with python crawlers
Data Treatment - Cleaning and structuring databases to be analysed
http://estadaodados.com

10/09 - now **Co-Founder, coordinator and member**   PoliGNU
PoliGNU - Poli-USP Free Software Studies Group
Organization and planning of activities and discussion groups
Infrastructure management (SysAdmin, website)
Disclosure and presentation at conferences, seminars, workshops, etc
http://polignu.org

07/08 - 12/13 **Volunteer SysAdmin**   Escritório Piloto - Poli-USP
Design and Setup of LAN, with OpenLDAP server, File Sharing (NFS), Web-Server, Virtualization (XEN) and local DNS Server
Design, development and management of an institucional website on Drupal

08/10 - 08/11 **Math Teacher**   ACEPUSP
Math teacher on a preparatory course to low income students

08/10 - 12/10 **Volunteer**   Universidade de São Paulo
Database modeling for the new version of the Teaching Evaluation System

01/09 - 08/10 **Volunteer**   Escola de Governo
Design, development and management of institucional website on Joomla
Orientation and Mentoring of Governor Formation Course Students

03/05 - 06/06 **Fellow**   Universidade de São Paulo
Developer of the first Digital Teaching Evaluation System

Education

2005 - 2014 **Undergraduate in Computer and Digital Systems Engineering**
Universidade de São Paulo, Brazil
Conclusion in 2014

2000 - 2002 **High School**   Colégio Rio Branco, São Paulo, Brasil

Publications

Twitter API, ElasticSearch e Kibana - Analisando a rede social
Tutorial on how to gather, process and analyse twitter traffic
http://polignu.org/artigo/twitter-api-elasticsearch-e-kibana-analisando-rede-social

DiRaOLinux
Blog to document and share daily discovers and issues fixes
http://diraol.polignu.org

Caderno do PoliGNU - Vol 1 - Software e Cultura Livres
Introductory material about Free Software and Free Culture (pt-br)
http://polignu.org/administrativo/caderno-polignu-volume-1-software-e-culturas-livres

Projects

The Parliamentary Radar - http://radarparlamentar.polignu.org/
It's a web application that determinates "similarities" between political parties based on the analysis of voting data of legislative houses. There are also some gender analysis from the Parliament. This project has been received 4 awards since 2012.
Technologies: Django/Python, R, SQLite/MySQL/Postgres, nginx, uWSGI, D3.js

Transparência Hacker (Hacker Transparency)
Member of Brazilian Hacker Transparency community, that advocates for OpenGov, Public Transparency, OpenData, etc. The community created the HackerBus, participated on the creation of a HackerLab at the Congress, influenced the Brazilian Public Information Access act and the "Marco Civil da Internet", besides other projects.
HackLab at Congress: http://blog.openingparliament.org/post/72099651071/a-permanent-hacker-space-in-the-brazilian-congress

Events

07/14 - **9**[th] **Internation Investigative Journalism Congress**
Instructor of the "Coding for journalists" workshop.

11/13 - **Introduction to Data Journalism MOOC**
Instructor of the "Programming" module of the cours. This course was organized by Knight Center and the brazilian National Journals Association

11/13 - **II Brazilian National Conference of OpenData**
Chairman of the dataviz trail

07/13 - **II RodAda Hacker**
Mentor on the second edition of "Rodada Hacker", a one day workshop that aims to give woman autonomy with techonologies

05/13 - **www2013 Conference**
Speaker on the "eGov and Open Data Camp" discussion, talking about "The challenges and opportunities of data journalism"

03/13 - **I RodAda Hacker**
Mentor on the first edition of "Rodada Hacker", a one day workshop that aims to give woman autonomy with techonologies

10/12 - **YAPC::Brasil 2012**
"The Parliamentary Radar: Unraveling the legislative politics"

05/10 - **The Right to Information Access**
Speaker about the Right to Information Access at PUC Univeristy