

SANDRO LOCH

FullStack IT | Software Engineer

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SUMMARY

Open-source software developer with experience in Python, Django Framework, NGINX, Docker, PostgreSQL and Linux Server.

EXPERIENCE

07/2019 – present

Research Software Engineer

FIOTEC - Foundation for Scientific and Technological Development in Health

- Responsible for developing and maintain up and running a django application about Dengue Cases Notification.
- Working on the implementation and integration of new technologies to improve the development pipeline using technologies such as Ansible, Docker, Celery, PostgreSQL/PostGIS, Django application Dashboard, NGINX and CI with GH-ACTIONS.
- Data manipulation with Ibis and Pandas, and data visualization with Plotly.

06/2011 - 11/2011

Commercial advisor

OPENS TECNOLOGIA

- Worked at a business team group, providing pre and post commercial advisory, studying and understanding commercial needs reputation and customer satisfaction.
- Acting in software, products and services sales for virtual phone systems and network equipment.
- Prospecting new customers, IT Consultancy and technical sales solutions (Hardware, Software and Services).

06/2005 – 10/2006

Technician & Support service

TFI NETWORKS INFORMATICA

- Management and customer support on Linux mail servers, dns server and squid proxy.
- Responsible for installing and configuring Access Point, wireless antennas, router, switch and network equipment.

01/2003 – 05/2005

Support Analyst

ADLIN PLASTICOS

- IT support service in the company, managing the infrastructure of computer networks. Windows Server Administrator DHCP/DNS and Group Policies and Security Network.
- Responsible for the maintenance of computers and network equipment.

LANGUAGES

Portuguese

Native

Spanish

Fluid

English

Basic

French

Basic

PROUD OF

Contributions

OpenScienceLabs

- DevOps tasks
- Infrastructure, including AWS EC2 and ROUTE53 management
- Community Management
- Mentoring

EDUCATION & TRAININGS

High school

EEHB Jaraguá do Sul-SC/BRASIL

2021

- **SGDB PostgreSQL**; IFRS: Instituto Federal do Rio Grande do Sul (abr 02, 2022)
- **Statistical foundations**; LabTime (CAPES) (Nov 11, 2020)
- **Introduction to Data Visualization with Matplotlib**; DataCamp (Sep 16, 2020)
- **Visualizing Geospatial Data in Python**; DataCamp (Sep 08, 2020)
- **Unit Testing for Data Science in Python**; DataCamp (Jun 10, 2020)
- **Intermediate Importing Data in Python**; DataCamp (May 28, 2020)
- **Introduction to SQL**; DataCamp (May 22, 2020)
- **Introduction to Importing Data in Python**; DataCamp (May 13, 2020)
- **Bash Scripting**; DataCamp (May 20, 2020)
- **Conda Essentials**; DataCamp (May 04, 2020)
- **Git**; DataCamp (May 01, 2020)
- **Manipulating DataFrames with Pandas**; DataCamp (Jan 14, 2020)
- **CCNA; Network fundamentals, Network access, IP connectivity, IP services, Security fundamentals, Network Protocols, Automation and programmability**; SENAC/CISCO (2006)
- **Windows 2000 Server / Concepts and Infrastructure Network / Infrastructure and Active Directory**; TRE-ITEC (2004)
- **Delphi 6 Basic**; ProWay Informática (Mar 08, 2003)