

# **HABILIDADES**

Python	2+ yrs
SQL	2+ yrs
Machine Learning	2+ yrs
Deep Learning	2+ yrs
Alteryx	2+ yrs
GIT	1+ yrs
PowerBl	1+ yrs
Ui Path	1+ yrs
R	1+ yrs

# CONTACTO

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# **ESTEBAN COMETTO**

Data Scientist and Python Developer

# **PERFIL**

Data Scientist con fuertes habilidades teóricas y apasionado del análisis de datos.

Python Developer, especializado en machine learning y automatización de procesos y con conocimientos de ciertas áreas como web scraping y web browser automation.

Método de trabajo estructurado y orientado al cliente, centrado en la calidad y la mantenibilidad. Altamente motivado para trabajar en equipo, tanto cómodo en grandes empresas como en pequeños equipos.

# **EXPERIENCIA LABORAL**

# DevOps/FullStack developer

**Research and Development** 

Sep 15 - NOW

A large IAM project required an intuitive interface for role-based access and rights management. At the same time, new workfows for role based access, life time and monitoring had to be established

- · Creation of a web portal for role- and rights management
- Establishing a connection to the existing MicroFocus role solution
- Development of new role-based workfows and processes, as well as training and support
- · Maintenance of existing infrastructure

# Technologies include:

- Django for the roles- and rights management tool backend (backend is a REST interface)
- Angular for the easy frontend interaction
- HTML5/CSS3/Bootstrap3 for the frontend
- · Ansible + Docker for 1-click deployments

# Achievements include:

- · A web based tool for an intuitive role assignment and administration
- · Online overview of company structures, projects, etc
- · Tools for role review, reporting and troubleshooting



## 2013 - 2017

Licenciatura en Estadística

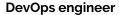
Universidad Nacional Rosario

Cursado terminado en 2017, en este momento adeudando tesina

## 2008 - 2012

Bachiller en Economía

Escuela de Enseñanza Media Dr. Luis Maria Drago



# **Research and Development**

Responsible for infrastructure architecture with regard on the future development and tool selection in the field of identity and access management

- · Selection of future-proof tools for a large infrastructure
- · Infrastructure migration into a cloudstack cloud
- · Quality assurance in terms of documentation
- Tool development for infrastructure overview
- · Development of Ansible modules for client

# Technologies include:

- Python for custom tool development
- · Ansible for infrastructure migration and cloud configuration
- · SLES12
- · Django for Visualization

#### Achievements include:

- Ansible module for SLES12 System + Package registration
- · Python tool for ACL-administration in cloud
- · Fully automated migration of old systems into cloud with Ansible playbooks/roles
- · Django tool on LDAP Schema Review

## Systems Analyst

# **Research and Development**

Mar 14 - Jan 15

Jan 15 - Sep 15

Responsible for infrastructure architecture / automaton as well as custom tool development on a project for directory services and identity / access management in a large heterogeneous environment.

- · Design and implementation of update and deployment process automa-
- · Quality assurance by design of infrastructure monitoring, centralized logging solutions and documentation
- · Customized tool creation for Idap operations
- Installation and maintenance of single sign on solutions
- Customer support in Idap / infrastructural / programming concerns

# Technologies include:

- · Ansible for infrastructure automaton and configuration management
- Python for custom Tool development
- nxLog + rsyslog + graylog for logging infrastructure



# **CERTIFICACIONES**

# Data Scientist with Python Track

## **DataCamp**

15 de Mayo de 2020

100 horas de cursado sobre técnicas estadísticas y de aprendizaje automático con programación Python para analizar e interpretar datos complejos.

# Machine Learning A-Z: Hands-On Python and R in Data Science

# Udemy

5 de Agosto de 2020

15 horas de cursado sobre grandes ideas en el aprendizaje automático, como cómo construir y evaluar modelos predictivos.

- NOVELL eDirectory
- · Shibboleth as identity Provider combined with Idap
- · SLES11
- · Git for configuration and documentation versioning

#### Achievements include:

- Drastically accelerated (20x faster) the update process and improved its reliability by introduction of centralized configuration management
- Extended the python-ldap library with interfaces for simplified access and modification of LDAP-Objects and searches
- Introduction of a complete and reliable centralized logging solution including log filtering and alerting for both windows and Linux systems

# **Systems Analyst**

# Sep 13 - Mar 14

**Tourism industry** 

Responsible for data transformation and tool customization on a migration (legacy c++ code from Solaris to Linux systems) project. The tasks include

- Tool development for identification of critical spots in code
- · Legacy code analysis
- · Quality assurance
- Department-wide training in python
- · Consulting in topics of migration to Git

# Technologies include:

- Python
- · Git
- · Linux (Debian)

#### Achievements include:

- Implementing code coverage and dynamic code checker for c++ legacy source code based on gcov
- Introduction of Python + Environment in project

# **Systems Analyst**

# Oct 12 - Sep 13

# **Tourism industry**

Responsible for the infrastructure including performance and quality assurance on a large social media project.

- · Organization and care of a cloud network (Debian systems)
- Support for software developers
- · Configuration of open source tools for code quality and documentation
- Implementation of performance checks



· Implementation of automated reports on code quality and performance

# Technologies include:

- · Python + Django for tool development
- · Sonar as static and dynamic tool for code analysis
- · OpenLDAP for user rights management
- JIRA as the issue tracking/SCRUM tool

## Achievements include:

- Customized wiki and documentation application for developers with Jenkins and Git integration
- Django web application to test the product performance using selenium tests in background with customizable tests / test environments ad a graphical evaluation using the jqPlot library (also Jaiascript / jQuery)
- Improvement of the overall code quality by raising test coverage (+  $\tilde{3}$ 0%) and identification + elimination of potential code flaws

## **IT Consultant**

## **Accenture Tech. Solutions**

Oct 11 - Oct 12

Large public service project with the goal to establish a platform for handling of finance processes with a very high number of transactions. Main focus was the migration of legacy data, by assuring data quality and transformation into various formats

- Customer consulting with regard to loading / unloading interfaces
- · Definition of requirements for transformation of legacy data
- Implementation of algorithms for data transformation
- Tool development for secure data transport
- Tool development for tests of data quality/interface implementation

# Technologies include:

- Standard Linux tools, such as awk, sed, grep, ...
- · Python for in-depth data analysis
- · Java for transport layers
- IBM DataStage

#### Achievements include:

- Definition of uniform standards
- Introduction of the standard Linux stack as global toolset for data analysis in project

