

CARLOS A. GUERRERO M.

PERSONAL DATA

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WORK EXPERIENCE

*dec.2011–
currently* **ProxyDNS**

Backend development using several VPS and AWS, high performance implementation, security supervision, online automated payment mechanism developed in *Django*, *bind*, *nginx*, *iptables*. Paypal integration. All done from ground up, including marketing, social networks management.

*SysAdmin,
Security Specialist,
Javascript,
HTML5, CSS3,
Django, Python,
Technical Support*

*jan.2013–
may.2013* **Caracas 360 · Android App**

Tourism promoting app, using GPS, augmented reality and QR codes. Can be seen at:
<https://play.google.com/store/apps/details?id=com.carlosguerrero.caracas360>

*Android
Development*

*jul.2012–
december.2013* **Covetel · Venezuela.**

OpenERP module and drivers development, OpenERP Point of Sale and Fiscal Printers experience. Python, Plone, OpenERP Technical and Funcional Instructor.

*Python—OpenERP
Developer and
Instructor*

*oct.2011–
jul.2012* **Brightcomms · El Salvador.**

IT and Development department leader, for all company software development circle and **talent recruiter**. Development manager for all local and overseas developers using agile development techniques. Implementation of open source software solutions for enterprise use. Solution Architect for internal software developments. IT monitoring and Security.

IT/DevOp

*jul.2011–
oct.2011* **Brightcomms · Nicaragua.**

Telecom services provider logs extraction from Sybase to external Postgresdb with subsequent processing, analysis and visualization on different types of tables/graphs, reports generated in HTML and PDF, with web and email visualization. Simple web administration interface with KPI creation manager (SQL), and custom reports creation. Due to high volume of data, many optimization methods were implemented. (Django, Sybase, Javascript).

*Python & Django
Development*

2008–2011 **CNTI · Venezuela.**

Integration of many FOSS technologies into the Operative System and platform to be used by all the Venezuelan Public Administration (Canaima GNU/Linux). This became an important basement for all social and technological projects such as -Canaima Educativo- which gives a laptop per

*GNU/Linux
Development*

child, filled with open source software intended for education. Funded by the National Information Technologies Center ([CNTI](#)) all open source and community oriented. Debian based. (Python, Bash, pyGTK, Django, Xen)

Teaching **3D Blender Animation** · Basic Intensive Course · 3D presentations · Duration: 1 Week · **FLOSS Academy**

Blender Advanced · Intensive Advanced Course· Postprod and edition · Duration: 1 Week · **FLOSS Academy**

Python Basic · Python basic programming · General introduction, plus version control system (git) · Duration: 3 days · **FLOSS Academy**

Internship & Engineering Design 2007–2008 **Huawei Technologies** · Venezuela.

6-month internship, and former Engineer in EDD (Engineering Design Department) for the deployment of Huawei UMTS technologies for local telecom provider: Movilnet.

FORMAL EDUCATION

MongoDB 2013 **MongoDB University** · Online

M101P: MongoDB for Developers (Python) · Topics: Everything needed to know for building MongoDB-based apps

OpenERP Open Business Solutions 2012 **CLEAR CORP.** · Costa Rica

OpenERP Technical Training · Topics: OpenERP Modules Development.

Python 2011 **FLOSS Academy** · Caracas, VE

Python Advanced I Topics: Virtualenv · version control systems · Documentation · reStructured formatting · Web Frameworks · Django · Databases · GUI libs · Iterators · Generators · Decorators · unittest.

SysAdmin 2010 **FLOSS Academy** · Caracas, VE

Platform Services Kit Topics: Xen · OpenLDAP · PAM · OpenVPN · Postfix · NTP · DNS · Apache · Vhosts · Samba · DHCP.

Network Admin 2010 **FLOSS Academy** · Caracas, VE

CCNA Topics: Medium sized routed and switched networks · WAN · IP · EIGRP · Frame Relay · RIPv2 · VLANs · Ethernet · and access control lists.

Engineering 2007 **Universidad del Táchira** · San Cristóbal, VE

Electronic Engineer Major: Processes automation Strong Knowelledge in Math, Physics, Chemistry, Language. · Logic and abstract thinking · Informatics integration

ADDITIONAL INFORMATION

FLOSS Activist and Evangelist EVENT: FLOSS Congress *Táchira* · (2011) Ponent: Canaima GNU/Linux

EVENT: FLISOL *San Cristóbal* · (2010) Ponent: Canaima GNU/Linux

EVENT: FLOSS Congress *Táchira* · (2010) Ponent: Canaima GNU/Linux

EVENT: FLISOL *San Cristóbal* · (2009) Ponent: Canaima GNU/Linux

EVENT: FLOSS Congress *Caracas* · (2008) Ponent: GNU/Linux Development

Since 2008· Former *Canaima GNU/Linux* Developer

EVENT: FLISOL *San Cristóbal* · (2006) Organizer Comitee

EVENT: FLISOL *San Cristóbal* · (2005) Organizer Comitee

Since 2003 · Member of Local Linux User Group (TALUG)

Languages ENGLISH · Fluent · Written and spoken.

SPANISH · Mother Language

Interests L^AT_EX · FLOSS · Open Culture · Typography · Programming · Graphic Design · Animation · Web Development and Design · Open Source Hardware · Raspberry · 3D Design & Animation · Blender · Arts · Data Representation · Photography · High Functionality and Performance Programming

AWARDS

Hackathon [AbreCL](#)

Second Place · Project: <http://graficasinteractivas.cl/>

As part of the event AbreCL, organized by the transparency consul of Chile and with the objective of empower the use and access to open data made available by public institutions in Chile.

"GraficasInteractivas" is a place to find all the interactive graphics generated in Chile and a point of encounter for professionals in the area, as part of the proposal, an interactive D3js visualization was applied to medical data.

May 4, 2015