

# CARLOS A. GUERRERO M.

## PERSONAL DATA

*born* 25 October 1984 · San Cristóbal, Venezuela  
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## WORK EXPERIENCE

*dec.2011–*  
*currently* **ProxyDNS**

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

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.

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

*Android  
Development*

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>

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

*Python—OpenERP  
Developer and  
Instructor*

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

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

*IT/DevOp*

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.

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

*Python & Django  
Development*

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).

*2008–2011* **CNTI · Venezuela.**

*GNU/Linux  
Development*

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

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 Knowledge 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 Comité

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

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

*Languages* ENGLISH · Fluent · Written and spoken.

SPANISH · Mother Language

*Interests* L<sup>A</sup>T<sub>E</sub>X · 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

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