CARLOS ROSAS
Python Developer & Electronic Engineer

PROFILE

Towards self-sufficiency & decentralization, where humans can empower themselves and others on a less dependency on intrinsic human needs such as food, water, shelter, energy & information.

CONTACT

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EDUCATION

2011
MSC SOLAR ENERGY TU-BERLIN — *5 yr*
Photovoltaic On & Off-grid - PV Market & Entreprenuership - BIPV - Project Management - Business Administration

2008
CISCO CCNA UNIVERSITY FERMIN TORO — *8 mo*
Basic Networking - Router & Routing Basics - Switch Basics & Intermidiate Routing - WAN Technologies

2004
BENG. ELECTRONICS, UNIVERSITY YACAMBU — *5 yr*
Microcontrollers - Robotics - PLC Ethernet Network - Automation Electronics Circuits - Power Electronics

WORK EXPERIENCE

2018 — **PM & PYTHON DEVELOPER (FREELANCER)**
Helping small businesses overcome technical constraints and adopt new versitile technologies that best suit customer needs and specific requirements. — *>3 mo*

2016 — **CTO & CO-FOUNDER – SOLARVIBES, BERLIN**
Design and prototype an IoT system to monitor crops' soil and weather conditions to automate farm's irrigation system and develop a web app for digital farming. — *2 yr*

2014 — **PHOTOVOLTAIC ENGINEER – ET SOLUTIONS, MUNICH**
Internship - worked in engineering department designing PV power plant's projects for an EPC company — *6 mo*

2011 — **DESIGNER – FANTASO, VENEZUELA**
Designed and hand-crafted ambient lighting boxes for an advertisement company — *6 mo*

2010 — **IT NETWORK INTEGRATOR– POLAR, VENEZUELA**
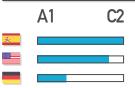Co-designed & implemented ethernet network for machines of 13 bottling production lines in a brewery company — *10 mo*

EXPERTISE

- Web Development
- Web Scraping
- Ethernet Network
- CI / CD
- Digital Marketing
- Graphic Design
- Web Design
- UX / UI

LANGUAGES

A1 — C2

- 🇪🇸
- 🇺🇸
- 🇩🇪

TECH SKILLS

CODE

- Python
- Flask
- Django
- Pandas
- Celery
- Git/Github
- SQLAlchemy
- Requests-HTML
- PostgreSQL
- AWS
- Docker
- Travis CI