Pablo Riutort Grande

Contact

Phone	+34 693 948 133
Email	pablo.riutort@gmail.com
Web	github.com/pablorgr

Education

Currently

Inter-University Master's Degree in Computational Engineering and Mathematics, joint Open University of Catalonia and Rovira and Virgili University.

Information and Communication Technology Security Master's Degree (MISTIC), joint Open University of Catalonia, Autonomous University of Barcelona, Rovira and Virgili University.

Thesis in Protocols and security applications:
- Developing article: *How p2p framework can help mitigate trust and security risks of IoT applications A .onion based framework to address trust and privacy issues for the IoT.*
- IoT framework with emphasis in privacy using Tor and .onion services

Computer Engineering Degree, *mention in Information Technology*, University of the Balearic Islands.

Final project: STFile - Python wrapper for RDFLib applied to a file system ontology. Semantics applied to a *NIX file system.

EUROWEB+ scholarship, *Computer Science and Informatics*, Faculty of Electronic Engineering, Univerity of Nis.

Experience

2021 **Specialist SW Network as a Platform**, Vodafone, Madrid.
- Backend development with Flask and Kubernetes.
- Innovation projects with MQTT, Python and JavaScript.
- Project maintenance with Python and Bash

2019-2021 **Python Developer**, Qvantel, Madrid.
- Backend development with Django, mariadb, docker-compose and RabbitMQ.
- Taylored solutions development with Python, Bottle, jQuery and robot framework.
- KPIs and automation.
- TDD and good practices introduction into development cycle.
- Core maintenance with Python and bash.

2018–2019 **Python Developer**, SMACH Team, Palma de Mallorca - Parc Bit.
App and backend development

2017–2018 **Software Engineer**, SMARTUIB, University of the Balearic Islands.
Creation and development of projects framed into Smart Cities, energy efficiency and IoT.
- Web Services SOAP with OCPP protocol.
- Sensors and other services integrations with Python for Sentilo system.
- Elasticsearch and Kibana for data visualization.
- API development and dashboard for IoT device control.

2014–2016 **Lead developer**, CIVITFUN, Palma de Mallorca - Parc Bit.
Web development of civitfun.com focusing in backend, integrations, maintenance and design of databases.

2013–2014 **Web developer**, MOLA, Palma de Mallorca - Parc Bit, Talentum Startups internship.
Started as a web developer thanks to an intership in a startup incubator were I worked in backend maintenance and project design.

Metions & Awards

2013 **Talentum Startups internship**, TELEFONICA.
Talentum Startups is an intership for students allowing them to enjoy an enterpreneur experience along with the opportunity to improve society from a technologic perspective.

Skills

Programming	Python, JavaScript, Bash, PHP, Java
Databases	mariadb, MySQL, sqlite, MongoDB
Frameworks	Django, Flask, Bottle, jQuery, Laravel
Frontend	HTML/CSS, Bootstrap, QML

Git, Linux, Docker, docker-compose, REST, JSON, RabbitMQ, XML, SOAP, MQTT, Kafka

Languages

Spanish	Native
Catalan	Fluent
English	Fluent

Hobbies

Science and technology
Cinema and TV Shows

Other

Willing to relocate and travel for business
Driving license