Main Projects (continuation)

2009   **Advanced monitoring, analysis and tuning of Pangea PaaS infrastructure**, including web, mail and database services. Targeting Apache2, PHP, MySQL, Postfix, MailScanner, iSCSI, OpenVZ, Linux kernel and networking stack.

2007 - now   **Develop confine-orm**, *CONFINE Object Resource Mapper* is a high level Python library for easily interacting with confine-controller REST API using object oriented concepts. Leverages the HATEOAS discoverability of CONFINE API, uses an Active Record like pattern, concurrency based on asynchronous non-blocking IO and caching based on Identity Mapping.
confine-orm.readthedocs.org

2013   **Develop spam-gear**, high-performance utilities for fighting spam on multi-user web and mail platforms. Includes filesystem scan tools, log analysis for multiple services and DNSBL checks.
github.com/glic3rinu/spam-gear

2014   **Contribute to confine-system**, a daemon written in Lua that implements the node functionality in CONFINE architecture. My main contribution being implementing the node REST API.
wiki.confine-project.eu

Formal Education

2012 - 2016   **Master in Innovation and Research in Informatics** at FIB/UPC
Specialization in Computer Networks and Distributed Systems
Facultat d'Informàtica de Barcelona / Universitat Politècnica de Catalunya
Master thesis: BaseFS - Basically Available, Soft state, Eventually consistent File System for Cloud Management
github.com/glic3rinu/basefs

2004 - 2011   **Diploma in Computer Systems** at FIB/UPC
Facultat d'Informàtica de Barcelona / Universitat Politècnica de Catalunya
Final thesis: A reusable web hosting control panel with billing system
upcommons.upc.edu/handle/2099.1/13993

Skills and Competences

Languages	Catalan, Spanish and English
Driving license	B
Computer skills	

Programming   Proficient in **Python/Django** and **Bash**
Comfortable with Lua, Erlang and R
Love **good design**, **concurrency models** and **distributed programming**

Operating Systems   **Debian/Linux** (running mission critical services since 2007)

Graphics   **Inkscape** github.com/glic3rinu/svg

Services   Solid experience administrating Apache, Nginx, Postfix, MySQL, LXC, Postgresql, OpenVZ, Nagios , MailScanner between many others