Adrián López Calvo
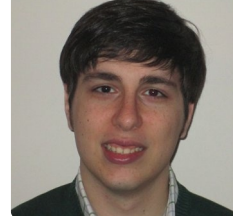## Software Engineer
Calle Capitán Haya 13, 28020, Madrid, Madrid Spain

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in adrianlc   ◯ AdrianLC   ▣ AdrianLC   ✍ AdrianLC

Experience mostly on *backend* web development and *Python's* ecosystem with a preference for open source tools.
Things I love to work with include: APIs, testing, continuous integration, databases, performance tuning, *i18n* and more yet to discover!

SKILLS

Programming	Backend	DevOps	Frontend
Advanced	Advanced	Intermediate	Beginner
python | java | javascript | c | git | testing	django | celery | sql | postgresql | mongodb | elasticsearch | web services | scrapping	ansible | vagrant | continuous integration | amazon web services | apache | ubuntu | fedora	html | django & jinja templates | css | angularjs | jquery

WORK EXPERIENCE

Software Engineer at Smartvel
October 2014 - Current
http://smartvel.com

Skills acquired: python \| django \| django-rest-framework \| celery \| django-haystack \| postgresql \| postgis \| redis \| mongodb \| elasticsearch \| ansible \| vagrant \| aws \| angularjs

Built products of the company focusing mostly on backend and web development.

- Migrated the processing core to an asynchronous queue system with Celery.
- Managed the work queues: routing, priorities, monitoring, concurrency, autoscaling, deployments.
- Built a component to translate texts, obtained through scrapping, automatically.
- Implemented several tools to improve names and boundaries in the geographic data.
- Maintained geographic boundaries with QGIS and shapefiles.
- Set up the MongoDB server with Ansible.
- Handled several major upgrades such as: MongoDB 2 to 3, Django 1.7 to 1.9 or Rest Framework 2 to 3.
- Optimized critical SQL queries, including Postgresql extensions such as postgis, trigrams and full text search.

Web Development Intern at Arantia, Televés Corp
August 2013 - September 2013
http://www.arantia.com

Skills acquired: javascript \| php \| html \| css \| html5-canvas

Worked on several bugs and tasks in the software internal to an IPTV solution.

- Integrated some Javascript/HTML5 Canvas games with the set-top box and its remote control.
- Renewal of the user interface for set-top box settings.

EDUCATION

BS Computer Science at Universidade de Santiago de Compostela
2009 - 2013

Major courses: oo programming \| data structures & algorithms \| software engineering \| operative systems \| networks \| system administration \| web development \| soap web services \| distributed computing

LANGUAGES

Spanish	English	Galician
native speaker	advanced	native speaker

REFERENCES

Available upon request.