



Daniel Clemente Laboreo

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WORK EXPERIENCE

FORSCHUNGSZENTRUM KARLSRUHE – KARLSRUHE, GERMANY

Business or Sector Information and communication

ANALYST AND TESTER OF SEMANTIC DESKTOP APPLICATIONS – 05/2007 – 05/2008

I worked in European's Union NEPOMUK project at FZI; testing, expanding and developing a semantic repository of information (SWECR) and a world modeling language (CDS). Large team. Java, RDF, JUnit, Maven, Eclipse, Jira, ...

OPENTRENDS – BARCELONA

WEB PORTALS DEVELOPER – 03/2008 – 09/2009

- I created portlets for intranets. Java, Liferay, HTML, CSS, jQuery, Struts, Hibernate, Tomcat, Alfresco. New development and customization to client needs. Some work at clients' offices.
- Other projects: tool to handle PDF forms; ETL tool to do DB migration (Talend, SugarCRM)

LOVIC DISSENY I CONTROL DE SERVEIS URBANS – BARCELONA, SPAIN

GIS ENGINEER – 09/2009 – 07/2011

- I created a fleet tracking platform: GPS data acquisition, backend (Postgis, Python, GeoServer), UI (OpenLayers, ExtJs), PDA apps to view maps (Java, J2ME, midlets). I taught programming and GIS
- I did network and server administration (GNU/Linux, sites with Joomla and Tikiwiki)

COMPRAVENTALIA.COM – BARCELONA

CTO AND COFOUNDER – 04/2011 – 08/2012

Small startup: a social network for classified ads. I did all the programming from scratch in Django (Python), coded HTML/CSS/JS, and set up web/DB/mail servers. 3 people team.

VICLONE

DJANGO PROGRAMMER, R&D – 03/2012 – 07/2012

I improved the infrastructure for the main product (virtual assistant, with NLP), designed a logging and statistics framework, set up Django production servers and instructed others about Django.

ZOCKO.COM – BARCELONA & JAKARTA

CTO AND COFOUNDER – 06/2012 – 01/2015

I did the initial architecture, systems design, and programming. I went through the early stages of investment (business plan, funding), and after the 1st investment round I led a technical team (1 to 2 developers) in Jakarta (Indonesia), in a 7-person team. The tool offered technology for affiliate marketing and link tracking.

Technologies: Django, APIs (for affiliate networks), PostgreSQL, server administration. Some important components are: e-commerce API aggregator to transform data to a custom language; robust handling of financial operations in users' money wallets; automatically updating commission information sanely in many possible scenarios.

CREATIVE HOTHOUSE – JAKARTA, INDONESIA

HEAD OF BACK-END INDONESIA – 02/2015 – 05/2015

- In „big data“ project I modelled data, did simulations and set up some Amazon Web Services
- Improving e-learning platform (Belajoo) and some processes. Techn.: Laravel, AngularJS
- I hired programmers, transferred knowledge, and supervised a Django project (Zocko)



SMALL JOBS, NOMAD – 06/2015 – 01/2017

This was a sabbatical year, when I travelled through 8 countries and studied dozens of languages. I kept on programming, for myself, and I did language courses and technical help through Internet. Also 2 months serving guests in a guesthouse.

OPENCRAFT

OPEN EDX DEVELOPER – 08/2017 – 02/2022

Services around Open edX (software for online courses for universities, MOOC). Django, Python, docker, AWS, OpenStack, ansible, Terraform, big ecosystem. Freelance work, 15~30 person all-remote team. I contributed many features upstream (all free software). I did project management, budgets control, client communication, devops/ firefighting, onboarding/mentoring, and improving company processes.

(FREELANCE)

PYTHON ENGINEER – 09/2022 – 06/2023

Short projects for clients. Working together with the billing team at Sonnen (<https://sonnen.de>), improving the invoicing workflow and adapting it to the legal requirements.

● **EDUCATION AND TRAINING**

2003 – 2006 Barcelona, Spain

TECHNICAL ENGINEER IN COMPUTING SCIENCE Universitat Politècnica de Catalunya

2006 – 2007 Germany

(ERASMUS) Universität Karlsruhe

Thesis about semantic representation of argumentation (how to model discussions). In German.

● **LANGUAGE SKILLS**

Mother tongue(s): **SPANISH & CATALAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
GERMAN	C2	C2	C2	C2	C1
ESPERANTO	C2	C2	C2	C2	C2
INDONESIAN	C2	C2	C2	C2	C2
ENGLISH	C2	C2	C2	C2	C2
TURKISH	A1	A2	A2	A2	A2
FRENCH	C1	C1	B2	B2	B1
BASQUE	A2	A2	A2	A2	A2
ALBANIAN	A2	B2	B1	B1	A2
RUSSIAN	A2	B1	A2	B1	A2
LATVIAN	B2	C1	C1	B2	B1
ROMANIAN	B1	B2	A1	A2	A1
GREEK	A2	A2	A2	A2	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

● **JOB-RELATED SKILLS**

Job-related skills

- Finding, analyzing „in too much detail“, and solving complex problems
- Quality assurance, web and program usability, describing rules and verifying them
- Knowledge management and transfer, semantic technologies, logic

● **OTHER SKILLS**

Other skills

My personality is INTP. This: <https://bit.ly/2I5qiLw> explains well my strengths and weaknesses

Hobbies: learning languages/music/*. Also, juggling (many years in associations)

In 2015 I traveled for 1'5 years through many countries, studying dozens of local languages

<http://www.danielclemente.com/>, here I publish some of my personal projects and interests

I guess I'm not a 100% programmer. I like to do a bit of everything and learn about the world.

I also think long term. Playing with the newest tech stack or hardware may be exciting to some, but I don't mind using simple systems that will last longer. I don't like excessive technology, especially when it comes at the cost of privacy, freedom, attention, environment, ...

My personal mission in life is to motivate curious people to make ethics and learning mainstream. This includes: ethics in technology (FSF, freedoms), teaching languages (also easy ones like Esperanto), understanding and contributing to solve big problems

● **COMMUNICATION AND INTERPERSONAL SKILLS**

Communication and interpersonal skills

- Lots of writing experience, e.g. in my website I wrote dozens of articles to explain technical topics in a clear way. I like being the bridge between technical and non-technical
- Good analytical and argumentation skills; I enjoyed taking part in a German debate club, and wrote my thesis about discussions. I'm best at discussing infrastructure deeply (sometimes too much)
- Perfectionist, with attention to detail (because my goal is: to understand)
- Strong ethics and integrity. I act in the same way I think, and this makes me peculiar (most obvious example is: I read terms&conditions, and if a software asks me „do you accept these TOS“ and I don't, I'll click „no“)
- I am good at teaching. I have been doing it at work (programming) and for leisure (languages). I can learn anything by myself until I'm competent in it

● **ORGANISATIONAL SKILLS**

Organisational skills

- I do extensive tracking of time, tasks, and knowledge in my daily life
- I can detect my own planning and estimation errors and learn from them
- I like working alone in my own way, and I work best in a competent team with clear job divisions
- I have managed small groups (1-2 people) at the workplace and mentored many individuals