

Curriculum Vitae

Personal information

Surname(s) / First name(s) **Ramos Lira, Gustavo**
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Linkedin <https://www.linkedin.com/in/gustavo-lira>
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Nationality Portuguese
Date of birth 22nd March 1992

Work experience

Dates	July 2015 to present day
Occupation or position held	Software engineer and programmer; IT manager
Main activities and responsibilities	Design and implement computer systems for multimedia installations and solutions in the museum and cultural sectors Maintain and update the company's IT infrastructure Design, implement and maintain web-based platforms for clients (e.g. e-learning system for an educational entity) Responsible for the installation of all interactive systems and supporting infrastructure at the National Bank of Angola's Museum of Money in Luanda, Angola (including 10 weeks <i>in loco</i>)
Name and address of employer	FCo. Fullservice Company in Multimedia Edifício África. Rua da Madeira, Zona Industrial das Travessas, S.João da Madeira, Portugal
Type of business or sector	Services for cultural institutions
Dates	2009 to present day
Main activities and responsibilities	Development and maintenance of a web-based scientific conference management system used to receive and peer-review abstracts and papers, to manage users and their payments. To this day, used for 14 conferences with up to 400 delegates. Management and maintenance of web-server (volunteer work)
Name and address of entity	Green Lines Institute for Sustainable Development
Dates	October 2012 to June 2014
Occupation or position held	Teaching Assistant for "Computer Laboratory", "Computer Graphics", "Algorithms and Data Structures" and "Conception and Analysis of Algorithms" courses (1 semester each)
Main activities and responsibilities	Assist students outside of class with their assignments, homework and studying. Assist students during practical classes, clearing any doubts and providing help with assignments (first 2 courses listed)
Name and address of employer	Faculty of Engineering of the University of Porto
Type of business or sector	Education
Dates	January 2013 to December 2013

Occupation or position held	Website development
Main activities and responsibilities	Develop and maintenance of three websites related to a research centre, a research project and a museum
Name and address of employer	University of Lisbon Alameda da Universidade, 1649-004 Lisboa, Portugal (+351) 217 967 624
Type of business or sector	Education

Dates	2009 to present day
Occupation or position held	Volunteer work as Staff for several conferences
Main activities and responsibilities	Provide technical support and assistance to delegates during conferences
Name and address of entity	Green Lines Institute for Sustainable Development Av. Alcaides de Faria, 377, S.12 4750-106, Barcelos, Portugal (+351) 253 815 037

Education

Date	2015
Description	Master's thesis
Title	A computer vision approach to drone-based traffic analysis of road intersections
Classification	17/20

Dates	2010 to 2015
Title of qualification awarded	MSc in Informatics Engineering and Computation
Principal subjects/occupational skills covered	Software Development, Software Engineering, Computer Science, Math, Physics.
Name and type of organisation providing education and training	Faculty of Engineering of the University of Porto
Level in national or international classification	17/20 (A in the ECTS system)

Dates	September 2014 to February 2015
Principal subjects/occupational skills covered	Erasmus semester abroad in Nürnberg, Germany Databases, Real-time operating systems, Business analytics, Information systems, Requirements engineering
Name and type of organisation providing education and training	Technische Hochschule Nürnberg Georg Simon Ohm
Classification	1.6 average in the German classification system (1 is best, 5 is worst)

Dates	2007 to 2010
Title of qualification awarded	Secondary Education, Sciences and Technologies field
Principal subjects/occupational skills covered	Math, Physics, Biology, Portuguese language, English language and Philosophy
Name and type of organisation providing education and training	Águas Santas secondary school
Level in national or international classification	19/20

Personal skills and competences

Mother tongue(s)

Portuguese

Other language(s)

English, German, French

Self-assessment

European level (*)

English

German

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient User	C2	Proficient User	C2	Proficient User	C1	Proficient User	C2	Proficient User
B1	Basic User	B1	Basic User	A2	Basic User	A1	Basic User	A1	Basic User
A2	Basic User	B1	Basic User	A1	Basic User	A1	Basic User	A1	Basic User

(*) Common European Framework of Reference for Languages

Social skills and competences

- Capable of working within groups of varying size and compositions. Capable of leading and motivating such groups.
- Capable of interacting with and assisting people from different cultural backgrounds. Skill acquired while volunteering as staff for several conferences.
- Experience interacting with real world clients, gained both doing free-lance and salaried work and working within the context of university courses.
- Experience communicating with professional peers and hierarchical superiors in the African market, namely in Angola, leading to success in the field.

Organisational skills and competences

- Methodical organization in the form of detailed to-do lists, chronograms and spread sheets to ensure efficient use of time and energy.
- Nevertheless capable of improvisation when needed and skilled with finding a solution with available materials under extraordinary circumstances.
- Leadership. Lead a 27 people work group, which worked with 4 Portuguese companies in the context of a project management course, for 5 months.
- Accustomed to organizing people and solving logistics problems in social or work settings.

Technical skills and competences

Programming languages (in order of familiarity):

- Javascript
- PHP
- Java
- Scala
- C++
- C
- C#
- Ruby
- Python
- Bash
- Prolog

Frameworks:

- Laravel
- Rails
- Jadex
- (and looking to learn: Angular, React, Django)

Database Systems:

- MySQL
- PostgreSQL

- Sqlite
- Oracle (limited experience)

Other:

- Experience managing linux based servers
- Experience managing legacy Windows server environments
- Hobbyist electronics enthusiast, with some soldering experience