

PERSONAL INFORMATION

André GARCIA DE MATO GOMES NUNES

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WORK EXPERIENCE

04/2016–Present

External Software Consultant

European Commission, Brussels (Belgium)

<https://epso.europa.eu/>

Working both on the front-end and back-end of several web applications used by **EPSO** to streamline the recruitment processes of several European Institutions.

My responsibilities include:

- Development and maintenance of web and server applications;
- In close collaboration with the support team, solving support tickets;
- Debugging and bug fixing;
- Elaboration of test programs and scenarios;
- Implementation of user requirements and prototyping;
- Participation in technical meetings with the relevant project teams identifying needs and requirements to be developed or enhanced;
- Active participation in code reviews both as reviewer and reviewed.

05/2014–11/2015

Junior Developer

Instituto Superior Técnico - Direção de Serviços de Informática

<http://fenixedu.org/>

Development of new features and code maintenance for Técnico's Academic Management System FénixEdu. <https://github.com/FenixEdu/fenix>

Used collaboration tools such as Project and Issue Trackers (GitHub, JIRA) and a distributed revision control system (git). Participated in code reviews and team meetings.

2013–2015

Summer Internships

Google Summer of Code (GSoC)

Participated in three editions of GSoC, a global program that offers post-secondary student developers ages 18 and older stipends to write code for various open source software projects.

Worked closely with an experienced software developer (known as the Mentor in GSoC), reporting to him.

Participated in code reviews.

Practiced Test Driven Development by writing unit tests before implementing new features.

- 2013 <http://cesiumjs.org/> :

Learned the KML (formerly Keyhole Markup Language) standard which is maintained by the Open Geospatial Consortium (OGC) and was submitted by Google.

Implemented initial KML support into Cesium, which is one of the largest Open Source JavaScript libraries for creating 3D globes and 2D maps in a web browser without a plugin.

- 2014 <http://bio4j.com/> :

Developed a tool and a minimal library/API capable of executing queries over a given bio4j

module and export the results in known formats like: GraphML, GEXF and GraphSON.

Adapted a Domain Specific Language (DSL) for traversing property graphs (Apache TinkerPop) into a DSL suitable for Bio4J distributions.

- 2015 <http://cesiumjs.org/> :
Added support for shapefiles and GPX formats.

EDUCATION AND TRAINING

09/2009–01/2016

BSc in Information Systems and Computer Engineering

ISCED 5 (BSc)

Instituto Superior Técnico - Campus Alameda, Lisboa (Portugal)

Distributed Systems, Modeling, Software Engineering, Artificial Intelligence, Databases, Human-Computer Interaction, Computer Networks.

06/2007–06/08/2007

Cambridge ESOL Level 1 Certificate in ESOL Internacional

First Certificate in English (Certificate 0024658010)

Cambridge School, Lisboa (Portugal)

Oral expression, listening, reading and writing in English language.

PERSONAL SKILLS

Mother tongue(s)

Portuguese

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C1
Spanish	B2	B2	B1	B1	B1
French	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

- Team spirit; I've practiced team sports for most of my childhood and teenage years (football and water polo).
- Very friendly, easy to interact with and enjoy helping others.
- Team responsibility and collaboration, experience working with people from a wide range of backgrounds (SysAdmins, Developers, Support staff, Designers)

Digital competence

- Programming languages: Java (proficient), C/C++ (prior experience)
- Experience with web programming languages (HTML/CSS, Javascript) and frameworks (Struts, Spring MVC, Angular.js).
- Usage of IDE and debugger: Eclipse, IntelliJ Idea.
- Testing libraries: JUnit, Mockito, Jasmine.
- Source code management systems: git, cvs, svn, RTC. (I prefer git)
- Prior experience with Databases (postgresql, MySQL, PL/SQL).
- Persistence: JPA (Spring Data, Eclipselink), SOLR
- Build tools: Maven (mvn), ant
- Some experience managing local networks and UNIX/Windows based environments. Some Shell and Batch scripting. Knowledge of TCP/IP networking.