Curriculum vitae

| PERSONAL INFORMATION | **André Garcia de Mato Gomes Nunes** |

📍 Rua Ponta Delgada, nº73, 8Esq, 1000-241 Lisboa (Portugal)

📱 +351 919042548

✉ andre.garcia.nunes@gmail.com

🌐 http://andre-nunes.com/ https://www.linkedin.com/in/andregomesnunes
https://github.com/andre-nunes

| PREFERRED JOB | Software Developer |

WORK EXPERIENCE

05/2014–Present — **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 (know as the Mentor in GSoC), reporting to
him.

Participated in code reviews.

Practiced Test Driven Development by writing unit tests at the same time as 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. Collaborated with community developers using GitHub.

2015 http://cesiumjs.org/ :

Added support for shapefiles and GPX formats.

05/2012–09/2013 — **System administrator (Scientific initiation grant BIC)**

Rede das Novas Licenciaturas, Centro de Informática do Instituto Superior Técnico
Av. António José de Almeida, 1049-001 Lisboa (Portugal)
https://www.rnl.ist.utl.pt/

Administrating Linux and Windows servers. Performing backups. Applying operating system updates,
patches, and configuration changes. Installing and configuring new hardware and software.

EDUCATION AND TRAINING

| 09/2009–Present | **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	
C2	C2	B2	B2	C1
B2	B2	A2	A2	B1

English — C2 | C2 | B2 | B2 | C1
Spanish — B2 | B2 | A2 | A2 | B1

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.

Organisational / managerial skills

- Experience working with people of wide-ranging talents and personalities (SysAdmins, Developers , Support staff, Designers)

Digital competence

- Programming: 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.

- Testing frameworks: JUnit, jasmine.

- Source code management systems: git, cvs, svn. (I prefer git)

- Prior experience with Databases (postgresSQL, MySQL).

- Some experience managing local networks and UNIX/Windows based environments. Some Shell and Batch scripting. Knowledge of TCP/IP networking.

Other skills

- Autodidact and fast-learner.