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Curriculum vitae

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

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

WORK EXPERIENCE

04/2016–Present | **Software Consultant**

European Dynamics Belgium, SA, Brussels (Belgium)
http://www.eurodyn.com/

Working as a Junior Developer, 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.

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 (know 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. 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

09/2009–01/2016	**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	
C2	C2	B2	B2	C1
B2	B2	A2	A2	B1
A2	A2	A1	A1	A2

English
Spanish
French

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. (I prefer git) - Prior experience with Databases (postgresSQL, MySQL, Oracle SQL). - Persistence: JPA Hibernate - 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.