



## Curriculum Vitae

### Personal information

Name **Leonel Jorge Nogueira Peixoto**  
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Portugal  
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LinkedIn <https://www.linkedin.com/in/leonel-peixoto-3a3b5536>  
Personal Page <https://leonelpeixoto.github.io>  
Nationality Portuguese  
Date of birth 21-06-1981  
Sex Male



### Education and Training

#### September 2012 – July 2017

Title of qualification MSc. in Informatics and Computing Engineering  
Main course units / professional skills - Software Engineering; Programming; Algorithm Design and Analysis;  
- Databases; Information Systems;  
- Web Languages and Technologies; Mobile Computing;  
- Computer Networks; Distributed Systems;  
- Artificial Intelligence; Computer Vision; Parallel computing;  
- Computer Graphics; Virtual and Augmented Reality.  
Name and type of education or training organization Faculty of Engineering of the University of Porto (FEUP).  
Level according to national or international classification 15 out of 20 (Grade C on European grading scale)  
Master Thesis "Hybrid System Based on Geometry and 360° 3D Video for Virtual Reality Usage"  
Advisor: Prof. Rui Rodrigues  
18 out of 20

#### September 2005 – October 2010

Title of qualification MSc. in Pharmaceutical Sciences  
Main course units / professional skills - Pharmaceutical Chemistry; Pharmacology; Pharmacotherapy;  
- Immunology; Biochemistry; Genetics; Public health;  
- Medication management.  
Name and type of education or training organization Higher Institute of Health Sciences – North (ISCS-N) of CESPU Group at Gandra (Paredes)  
Level according to national or international classification 14 out of 20 (Grade C on European grading scale)

**September 2000 – October 2003**

Title of qualification	Bachelor's Degree in Pharmacy
Main course units / professional skills	- Pharmaceutical Chemistry; - Pharmacology; - Pharmacotherapy; - Medication management.
Name and type of education or training organization	School of Healthcare Technology of Porto (ESTSP) – Polytechnic Institute of Porto (IPP)
Level according to national or international classification	13 out of 20

**September 1996 – July 1999**

	High school
Title of qualification	<i>Baccalauréat Scientifique</i>
Name and type of education or training organization	Robert Doisneau High school 95 Boulevard Jean Jaurès, Corbeil-Essonnes – 91100 France
Level according to national or international classification	11 out of 20

**Work Experience****September 2019 – Present**

Occupation or position held	Software Engineer
Main activities and responsibilities	- Software development with .NET framework, C# language and SCRUM methodology; - Development of Android mobile applications; - WEB development (full stack) with PHP, HTML5, JS, CSS and SQL; - Augmented Reality (AR) and Virtual Reality (VR) applications development.
Name and address of employer	Reality Lab – Digital Solutions Lda. Rua Comendador Castro Alves, n.º 311, 4765-053 Vila Nova de Famalicão
URL:	www.realitylab.pt
Type of company or sector	Information technologies.

**July 2017 – June 2019**

Occupation or position held	Software Engineer
Main activities and responsibilities	- Project management and development with Agile methods, CI, CD; - Software development with the .NET framework, C# and C++ languages; - Development of mobile and distributed applications; - Development of industry 4.0 application for industrial machines maintenance; - Augmented Reality (AR) applications development for Ms Hololens & Epson BT-200 / 2000 / 350 - Virtual Reality (VR) applications development.
Name and address of employer	DW - Marketing e Comunicação Unipessoal Lda. – Cais do Lugan, 4400-492 Vila Nova de Gaia
Type of company or sector	Information technologies – Digital marketing.

**August 2011 – December 2011**

Occupation or position held	Deputy pharmacist
Main activities and responsibilities	Dispensing of drugs, logistic and stock management, therapeutic drug follow-up of users, validation of prescriptions, maintenance and updating of the computer system.
Name and address of employer	Sena Pharmacy Av. Bomb. Voluntários - Urbanização dos Martinhos, n.º 157, R/C CTE, 6270-532 Seia
Type of company or sector	Pharmacy – Pharmaceutical sector, public health.

#### **March 2010 – July 2010**

Occupation or position held	Trainee Pharmacist
Main activities and responsibilities	Dispensing of medications, logistic and stock management, therapeutic drug follow-up of users, validation of prescriptions, preparation of manipulated medications.
Name and address of employer	Faria Pharmacy – Praça Conde São Bento, n.º 64-7, 4780-375 Santo Tirso
Type of company or sector	Pharmacy – Pharmaceutical sector, public health.

#### **May 2003 – June 2003**

Occupation or position held	Trainee Pharmacy Technician
Main activities and responsibilities	Dispensing of medications, logistic and stock management.
Name and address of employer	Trofense Pharmacy – Rua Costa Ferreira C Com-lj 2, 4785-298 Trofa
Type of company or sector	Pharmacy – Pharmaceutical sector, public health.

#### **March 2003 – May 2003**

Occupation or position held	Trainee Pharmacy Technician
Main activities and responsibilities	Dispensing of medications, logistic and stock management, therapeutic drug follow-up of users.
Name and address of employer	Pharmaceutical services of São João de Deus Hospital Rua Amadeu Mesquita, n.º 156, 4760 Vila Nova de Famalicão
Type of company or sector	Hospital sector, public health.

#### **December 2002 – February 2003**

Occupation or position held	Trainee Pharmacy Technician
Main activities and responsibilities	Dispensing of medications, logistic and stock management.
Name and address of employer	Fernandes Machado Pharmacy – Rua Sousa Tropa, n.º 18, 4780-554 Santo Tirso
Type of company or sector	Hospital sector, public health.

#### **October 2002 – December 2002**

Occupation or position held	Trainee Pharmacy Technician
Main activities and responsibilities	Dispensing of medications, logistic and stock management, therapeutic drug follow-up of users.
Name and address of employer	Pharmaceutical services of Maria Pia Pediatric Hospital – Rua da Boavista, n.º 827, 4050-111 Porto
Type of company or sector	Hospital sector, public health.

## Personal Skills

Mother tongue **Portuguese**

Other(s) language(s)

European level (\*)

**French**

**English**

**Spanish**

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

(\*) [Common European Framework of Reference for Languages \(CEFR\)](#)

Communication skills

- Team spirit and focused on collective goals.
  - Good oral communication skills and good written communication skills.
  - Strong sense of responsibility. For me, making commitments is giving credibility.
- Skills acquired through academic and professional training.

Organizational / managerial skills

- Sense of organization. The organization is the basis for work carried out with professionalism.
  - Aptitude for continuous learning to solve new challenges.
  - Responsible for training interns in a professional context.
  - Participation in the organization of congresses.
- Skills acquired through academic and professional experience.











## Computer skills











Operative Systems

 Android  
 Linux  
 MacOS

 Minix  
 MS DOS  
 Windows









Programming languages

 ASM  
 Basic  
 C  
 C++  
 C#  
 CSS  
 Fortran  
 HTML  
 Java  
 JavaScript

 JSON  
 LUA  
 Pascal  
 PHP  
 Python  
 Ruby  
 Scheme/Lisp  
 SQL  
 UML  
 XML





Frameworks & Technologies

























 Android  
 Bootstrap  
 .NET  
 Git  
 JQuery  
 LaTeX  
 MySQL  
 NodeJS

 OpenCV  
 OpenMP  
 PostgreSQL  
 Primavera ERP  
 Ruby On Rails  
 Sqlite  
 UWP  
 Xamarin

Integrated Development  
Environments & tools

 Android Studio  
 Code::Blocks  
 Eclipse  
 Enterprise Architect  
 MATLAB

 Oracle virtualbox  
 PhpStorm  
 Visual Studio  
 VMware player

CG / 3D / CAD tools	 ARToolKit	 Unity 3D
	 A-Frame.js	 Unreal Engine
	 Blender	 Vuforia
	 OpenGL	 WebGL
	 Three.js	
Development methodologies	 Lean	 Scrum
	 Mob programming	 Waterfall
	 Pair programming	 XP
Electronics	 Arduino development	 Fritzing
	 Arduino IDE	 ISIS - Proteus VSM
	 Circuit design	 PIC development
Multimedia	 Audio edition	 Video edition
	 Image edition	 Video production
Others	 MS Office (Word, Excel, PowerPoint)	

Usage degree:  Frequently  Occasionally  Rarely

See some of my works on my personal page: <https://leonelpeixoto.github.io>

### Other skills

Interest for automation, robotics and information technologies in general.  
Interest for the development of electronics and microcontroller projects (PIC & AVR).  
Interest for historical and scientific reading.  
Interest for astronomy.

Driving license Type B

### Assisted Congresses and Colloquia

**“VISIGRAPP 2017 - International Conference on Computer Graphics Theory and Applications”**, 27<sup>th</sup> February to 1<sup>st</sup> March 2017. Porto.

**“Sinais na Pele: O que todos devemos saber”**, 26<sup>th</sup> May 2011, Cooprofar facilities, Gondomar.

**“II Jornadas de Bioengenharia”**, 26<sup>th</sup> 27<sup>th</sup> November 2010, Faculty of Engineering of the University of Porto (FEUP), Porto.

**“I Jornadas de Bioengenharia”**, 27<sup>th</sup> 28<sup>th</sup> November 2009, Faculty of Engineering of the University of Porto (FEUP), Porto.

**“II Workshop de Prática de Farmácia: Da concepção ao 1º Ano de Vida”**, 21<sup>th</sup> November 2009, Higher Institute of Health Sciences – North, Gandra, Paredes.

**“I Workshop em Neoplasia”**, 16<sup>th</sup> May 2009, Higher Institute of Health Sciences – North, Gandra, Paredes.

**“X Jornadas de Ciências Farmacêuticas – Dermofarmácia e Cosmética: Pele – A nossa marca de sempre”**, 17<sup>th</sup> 18<sup>th</sup> April 2009, Alfândega do Porto Congress Centre, Porto.

**“Genéricos & Manipulados: Medicamentos com Futuro”**, 24<sup>th</sup> 25<sup>th</sup> March 2004, Sheraton Porto Hotel, Porto.

**“IV Jornadas Internacionais de Nutrição Enteral e Parenteral”**, 4<sup>th</sup> 5<sup>th</sup> 6<sup>th</sup> November 2002, Meridien Hotel, Porto.

## Organized Congresses and Colloquia

**“II Palestras de Tecnologia Farmacêutica Veterinária”**, March 2009 Higher Institute of Health Sciences – North, Gandra, Paredes.

**“I Palestras de Tecnologia Farmacêutica Veterinária”**, May 2008, Higher Institute of Health Sciences – North, Gandra, Paredes.

## Scientific publications

Peixoto L., **“Hybrid System Based on Geometry and 360° 3D Video for Virtual Reality Usage”**. MSc. in Informatics and Computing Engineering Thesis. June 2017. Faculty of Engineering of the University of Porto, Porto.

Paula R., Peixoto L., **“Processo de Indicação Farmacêutica na Congestão Nasal do Bebê”**. II Workshop de Prática de Farmácia. November 2009. Higher Institute of Health Sciences – North, Gandra, Paredes.

Paiva A., Paula R., Peixoto L., Pinheiro F., **“First and second generation of N-(2-hydroxypropyl)methacrylamide (HPMA) copolymer”**. II Jornadas Monográficas de Terapia Molecular. November 2009. Higher Institute of Health Sciences – North, Gandra, Paredes.

Peixoto L., **“Novas terapias para a neoplasia”**. Workshop de Neoplasia e Virus. January 2009. School of Health Jean Piaget-Nordeste, Macedo de Cavaleiros.

*Leonel Jorge Nogueira Peixoto*

Santo Tirso, 30<sup>th</sup> July 2020