



## Curriculum Vitae

### Personal information

Name **Leonel Jorge Nogueira Peixoto**  
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Personal Page leonelpaixoto.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 of 20 (Grade C on European grading scale)

#### 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 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 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 of 20

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

Occupation or position held	Software Engineer
Main activities and responsibilities	- Digital systems architecture and planning; - Programming, development of digital solutions and mobile applications; - WEB development (full stack); - Virtual Reality (VR) and augmented Reality (AR) 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:	<a href="http://www.realitylab.pt">www.realitylab.pt</a>
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; - Software development; - Programming and algorithms development; - Development of mobile and distributed applications; - Virtual Reality (VR) and augmented Reality (AR) applications development.
Name and address of employer	DW - Marketing e Comunicação Unipessoal Lda. – Cais do Luga, 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 Trepa, 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			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C2	Proficient user
C2	Proficient user	C1	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 common goals.
  - Good oral communication skills and good written communication skills.
  - Strong sense of responsibility. For me, making commitments is presenting 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 business context.
  - Participation in the organization of congresses.
- Skills acquired through academic and professional experience.

## Computer skills

Operative Systems

Ms-Dos, Ms-Windows (9x & NT to Win10) (good level of knowledge).  
Linux (good level of knowledge).  
MAC OS® (basic knowledge level).

Programming languages

Assembly (good level of knowledge).  
C/C++ (good level of knowledge).  
C# (good level of knowledge).  
JAVA (good level of knowledge).  
LUA (basic knowledge level).  
Prolog (basic knowledge level).  
Python (basic knowledge level).  
Scheme/Lisp (good level of knowledge).  
VDM (basic knowledge level).  
Visual Basic (basic knowledge level).

WEB development languages

HTML5 (good level of knowledge).  
CSS3 (good level of knowledge).  
JavaScript (good level of knowledge).  
PHP (good level of knowledge).  
Ruby On Rails (good level of knowledge).

Frameworks & Libraries

.NET Core (good level of knowledge).  
NodeJS (good level of knowledge).  
OpenCV (good level of knowledge).  
OpenGL (good level of knowledge).  
OpenMP (good level of knowledge).  
Vufoia (good level of knowledge).

Databases

Microsoft SQL Server (good level of knowledge).  
SQLite (good level of knowledge).  
SQL language (good level of knowledge).

Source code management

GIT technology (good level of knowledge).

Integrated Development Environments	Android Studio (good level of knowledge). Arduino IDE (good level of knowledge). Code::Blocks IDE (good level of knowledge). Eclipse (good level of knowledge). Microsoft Visual Studio (good level of knowledge).
3D / CAD / CG software	Blender (basic knowledge level). Unity 3D (good level of knowledge). Unreal Engine (basic knowledge level).
Data analysis software	MATLAB - MathWorks (good level of knowledge). SPSS - IBM (good level of knowledge). Weka (basic knowledge level).
Chemical modeling software	CambridgeSoft - Chemdaw (basic knowledge level). PyMOL (basic knowledge level).
Electronics simulation software	Fritzing. (good level of knowledge). ISIS - Proteus VSM. (good level of knowledge). OrCAD (basic knowledge level).
Others	Microsoft Office (good level of knowledge). Sifarma Clássico, Sifarma 2000 (Pharmacy management).

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

### Other skills

Interest in information technologies.  
Interest in the development of electronics and microcontroller projects (PIC & AVR).  
Interest in historical and scientific reading.  
Interest in 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.

**“Signs on the Skin: What we should all know”**, 26<sup>th</sup> May 2011, Coopropfar facilities, Gondomar.

**“2<sup>nd</sup> Bioengineering Days”**, 26<sup>th</sup> 27<sup>th</sup> November 2010, Faculty of Engineering of the University of Porto (FEUP), Porto.

**“1<sup>st</sup> Bioengineering Days”**, 27<sup>th</sup> 28<sup>th</sup> November 2009, Faculty of Engineering of the University of Porto (FEUP), Porto.

**“2<sup>nd</sup> Pharmacy Practice Workshop: From conception to the 1st Year of Life”**, 21<sup>th</sup> November 2009, Higher Institute of Health Sciences – North, Gandra, Paredes.

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

**“10<sup>th</sup> Pharmaceutical Sciences Conference - Dermopharmacy and Cosmetics: Skin - Our brand”**, 17<sup>th</sup> 18<sup>th</sup> April 2009, Alfândega do Porto Congress Centre, Porto.

**“Generics & Manipulated: Drugs with a Future”**, 24<sup>th</sup> 25<sup>th</sup> March 2004, Sheraton Porto Hotel, Porto.

**“4<sup>th</sup> International Days of Enteral and Parenteral Nutrition”**, 4<sup>th</sup> 5<sup>th</sup> 6<sup>th</sup> November 2002, Meridien Hotel, Porto.

## Organized Congresses and Colloquia

**"2<sup>nd</sup> Veterinary Pharmaceutical Technology Lectures"**, March 2009 Higher Institute of Health Sciences – North, Gandra, Paredes.

**"1<sup>st</sup> Veterinary Pharmaceutical Technology Lectures"**, May 2008, Higher Institute of Health Sciences – North, Gandra, Paredes.

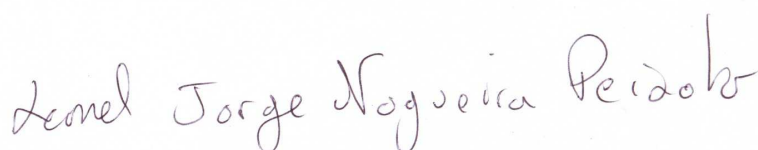
## Scientific publications

Peixoto L., **"Hybrid System Based on Geometry and 360 3D Video for Virtual Reality Usage"**. Integrated Master in Informatics and Computing Engineering Dissertation. June 2017. Faculty of Engineering of the University of Porto, Porto.

Paula R., Peixoto L., **"Pharmaceutical Indication Process for Baby Nasal Congestion"**. II Workshop Pharmacy practice. 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"**. 2<sup>th</sup> Monographic Days of Molecular Therapy. November 2009. Higher Institute of Health Sciences – North, Gandra, Paredes.

Peixoto L., **"New therapies for neoplasia"**. Cancer and virology workshop. January 2009. School of Health Jean Piaget-Nordeste, Macedo de Cavaleiros.



(Leonel Peixoto)

Santo Tirso, 16<sup>th</sup> June 2020