Curriculum Vitae

Personal information

Name	**Leonel Jorge Nogueira Peixoto**
Address	Rua de Vermoím, n.º 8 4825-160, Carreira – Santo Tirso Portugal
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E-mail	leonelpeixoto@gmail.com
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)

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	*Baccalauréat Scientifique*
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	- Digital systems architecture and planning; - Programming, development of digital solutions and mobile applications; - WEB development (full stack); - 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; - Software development; - 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 Communicação 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 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)

	Understanding				Speaking				Writing	
European level (*)	Listening		Reading		Spoken interaction		Spoken production			
French	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
English	C1	Proficient user	C2	Proficient user	B1	Independent user	B1	Independent user	B1	Independent user
Spanish	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).
Vuforia (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://leonelpeixoto.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", 27th February to 1st March 2017. Porto.

"Sinais na Pele: O que todos devemos saber", 26th May 2011, Cooprofar facilities, Gondomar.

"II Jornadas de Bioengenharia", 26th 27th November 2010, Faculty of Engineering of the University of Porto (FEUP), Porto.

"I Jornadas de Bioengenharia", 27th 28th 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", 21th November 2009, Higher Institute of Health Sciences – North, Gandra, Paredes.

"I Workshop em Neoplasia", 16th May 2009, Higher Institute of Health Sciences – North, Gandra, Paredes.

"X Jornadas de Ciências Farmacêuticas – Dermofarmácia e Cosmética: Pele – A nossa marca de sempre", 17th 18th April 2009, Alfândega do Porto Congress Centre, Porto.

"Genéricos & Manipulados: Medicamentos com Futuro", 24th 25th March 2004, Sheraton Porto Hotel, Porto.

"IV Jornadas Internacionais de Nutrição Enteral e Parenteral", 4th 5th 6th 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.
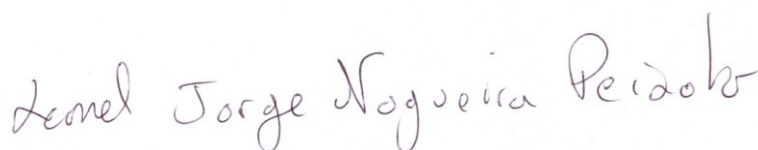
Scientific publications

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 Bebé"**. 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

(Leonel Peixoto)

Santo Tirso, 3rd July 2020