

Curriculum vitae

PERSONAL INFORMATION



Paulo Jorge Pereira Martins

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Sex Male | Date of birth 15/01/1987 | Nationality Portuguese

WORK EXPERIENCE

10/07/2019–15/07/2019

Erasmus+ staff mobility for teaching and training

Kanazawa University (Japan) – University of Minho

Summary/video: <https://www.kanazawa-u.ac.jp/e-news/69404>

2018–Present

Research Center Manager (Técnico Superior)

Institute of Arts and Humanities at the University of Minho, Braga (Portugal)

<https://www.ilch.uminho.pt/pt>

- Organization and management of scientific events.
- Management of scientific publications.
- Webmaster: server manager.
- Web developer and graphic designer.
- Reports and statistics.
- Technical support (informatics, databases, web and desktop programming, etc.) of Research and Development Projects.
- Communication and digital image.

Business or sector Education

2010–Present

Researcher - Computational Linguistics

University of Minho, CEHUM

CEHUM CV: <http://cehum.ilch.uminho.pt/researchers/1>

2017–2017

Scholarship in Science and Technology Management (BGCT)

CEPS / CEHUM, Braga (Portugal)

<http://ceps.ilch.uminho.pt/index/en>

Business or sector Education

2010–2016

Research Fellowship (BI)

Center for Humanistic Studies of the University of Minho, Braga (Portugal)

<http://cehum.ilch.uminho.pt/index/en>

Business or sector Education

2011–2012

College / university teaching professional

University of Minho, Braga (Portugal)

<https://www.uminho.pt/EN>

- Professor of "Digital Humanities: Information and communications technology" for three graduation programmes at the Institute of Arts and Humanities (ILCH), University of Minho.

Business or sector Education

2012–2012 **Teacher/trainer**

University of Minho, Braga (Portugal)
<https://www.uminho.pt/EN>

- Teacher/trainer in a series of workshops for the short course "Multi_feel 2012", held at the Institute of Arts and Humanities at the University of Minho. Taught modules: "Web development (HTML/CSS/Javascript)" and "Video editing: Vegas Pro".

Business or sector Education

2008–2009 **Junior Research Fellowship (BII)**

University of Minho, Braga (Portugal)
<https://www.uminho.pt/EN>

Business or sector Education

2006–2006 **Transport conductor**

Lavandaria Galáxia, Braga (Portugal)

- Transport conductor for an industrial laundry, between a network of hotels in the districts of Porto, Braga, Aveiro and Viana do Castelo.

2005–Present **Computer programmer**

Freelancer

<http://www.paulojorgepm.net/portfolio?lang=en>

- Self-taught and very competente computer programmer. Main activity: web development/designer, programmer and servers/web master (Linux systems). Main programming languages: C, Python, Javascript, PHP, etc. Databases: PostgreSQL, MySQL, SQLite.

EDUCATION AND TRAINING

2019–2021 **Master's in Informatics Engineering**

University of Minho, DI, Braga (Portugal)

2010–2013 **Master's degree in Cultural and Literary Mediation - Literature and Cinema**

Institute of Arts and Humanities at the University of Minho, Braga (Portugal)

<https://www.ilch.uminho.pt/en/Education/Pages/Masters-degree-in-Cultural-and-Literary-Mediation.aspx>

- Dissertation: "Interactive Humanities: Problematizing the Development of a Pedagogical Video Game". Programmed (Python/OpenGL) a video game prototype for foreign language learning.

- Main fields of study: history of cinema, screenwriting technics, aesthetics theory, creative writing, film production.

2007–2010 **Bachelor's degree in European Languages and Literature**

Institute of Arts and Humanities at the University of Minho, Braga (Portugal)

<https://www.ilch.uminho.pt/en/Education/Pages/Bachelors-degree-in-European-Languages-and-Literature.aspx>

- Major Portuguese - Minor English.

- Specialization/optional fields: Translation, Informatics Applied to the Humanities, Lexicography, Digital Humanities, Language and Advertising.

2011–2012 Bachelor's degree in Philosophy (1st year only)

Institute of Arts and Humanities at the University of Minho, Braga (Portugal)
<https://www.ilch.uminho.pt/en/Education/Pages/Bachelors-degree-in-Philosophy.aspx>

30/03/2017–30/03/2017 Workshop SARC

ISCTE/IUL Lisbon, Lisbon (Portugal)

Workshop on the management of scientific journals (at ISCTE/IUL Lisboa, 9:30h-17:30):
 Main topics: scientific indexing of Journals (SciELO, DOAJ, etc.), Open Journal System 3, journal management and dissemination of scientific data, bibliographic identifiers (DOI, ISSN, Repositories, etc.), etc.

15/03/2017–15/03/2017 Workshop GCI++

University of Minho, Braga (Portugal)

Workshop organized by the Communication, Information and Image Office of the University of Minho (10h - 17h).

- Main topics: social media and multimedia; communication; promotion of events; design.

23/03/2015–23/03/2015 Training: InCites - Benchmarking & Analytics

University of Minho, Braga (Portugal)

Organized by Thomson Reuters and the Documentation Services of the University of Minho.
 Trainer: Rachel Mangan.

2017–2019 Member of the evacuation and rescue team of the University of Minho - Training

University of Minho, Braga (Portugal)

Training by the Fire Department/firemen of Braga and the Nortemed security team:

- Organization and emergency protocols in disaster situations.
- Fire protection: fire extinguishers and fire emergency protocols.

2010–Present Music - Guitar and Keyboard

Salão Mozart, Braga (Portugal)

Musical training on Guitar (electric and acoustic) and Keyboard. Mainly self-taught, but also some professional training in Salão Mozart music school (Rockschool method - studied until 4th grade).

2002–2005 High school - Natural sciences

Escola Secundária de Amares, Braga (Portugal)

- Specialization/optional fields: Físics, Biology, Psychology, Laboratory Techniques - Chemistry and Biologie.

PERSONAL SKILLS**Mother tongue(s)**

Portuguese

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Spanish	B2	B2	B2	B2	B2
French	A2	A2	A2	A2	A2

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**
- Organization of dozens of scientific events (Colloquiums, Seminars, Short Courses, Workshops, etc.), management of personnel, contact with keynote speakers and institutions, communication/disclosure with the media (radio, television, newspapers, social media, etc.). Some of the events in which I helped organizing can be found at: <http://cehum.ilch.uminho.pt/events/en> and <http://ceps.ilch.uminho.pt/events>
 - Responsible for the digital image and disclosure of newsletters/mailling lists of two Research Centers (CEHUM and CEPS).
 - Presented papers in Colloquiums.
 - Professor in three bachelor classes; trainer in two workshops.

- Organisational / managerial skills**
- 2016-2019: Elected representative of the Junior Researchers in the the steering committee of the Center for Humanistic Studies of the University of Minho.
 - 2017-2019: Member of the evacuation and rescue team of the University of Minho.
 - Training and management of several trainees at ILCH/CEHUM.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

Selected portfolio (web, programming, design) at:

<http://www.paulojorgepm.net/portfolio?lang=en>

- Main activity: web developer/designer since 2005. Full-stack developer. Favourite stack: Python (Web2py/Flask/Django), Javascript (jQuery), SQL (PostgreSQL), HTML5/CSS3, Linux Server (CentOS). UX/UI knowledge. Experience since HTML3, experienced the evolution of the main design paradigms (from the old days of the the tableless wild west to the responsive design techniques of the present). Experience with PHP and CMS's (installation and management): Plone, Joomla, Drupal, WordPress, Movuca, Quokka, MediaWiki, Omeka, GreenStone, etc.

- Desktop programmer. Most experienced with the following programming languages: Python, Rust, JavaScript, PHP, Go, C, Lua. Main language: Python. Main GUI libraries: Kivy (Mobile), Tkinter, PyQt, Pyglet (OpenGL).

- Experience (and great enthusiast) with video games in all aspects: design (Pixel Art, Vector, 3D, etc.), sound/music (MIDI/SFX) and mainly development/programming: creation of mods and maps for 2D and 3D video games; programmed some 2D video games with different libraries (Pyglet/OpenGL - my favourite OpenGL library, great experience with it; Pygame/SDL, Cocos2D, etc.); for mobile and multi-touch interfaces I have many experience with Kivy (innovative user interfaces framework); regarding 3D desktop programmed some prototypes (great experience with Godot 3 and GDScript scripting, some prototypes created with it (it is my favourite game engine); some experience with Unity, Blender, Pandas3D, Construct, GameMaker, etc.).

- Experience with SQL and NoSQL databases, mainly PostgreSQL, MySQL, SQLite, MongoDB, etc. Experience with ORM's and database abstraction frameworks: SQLAlchemy, DAL, etc.

- Computational Linguistics and NLP experience. Experience with Python frameworks for NLP: NLTK, TextBlob, Gensim, etc. Some experience with data analysis frameworks (Pandas, SciPy, RPy2).

- Management and configuration of web servers: four dedicated servers at the Institute of Arts and

Humanities (University of Minho) since 2008 (Fedora, Ubuntu, Windows Server 2003, Windows Server 2008, etc.) and private servers/projects and VPS's (CentOS, PythonAnywhere, Wordpress packs, etc.).

- Graphic designer since 2005: Photoshop, Illustrator, CorelDraw, etc.

- Freelancer photographer (many experience with Adobe Lightroom and Nikon cameras). Experience with video capture/editing (favourite software: Vegas Pro), music editing (Ablaton, FL Studio), 3D editing (Blender).

Driving licence B1, B

ADDITIONAL INFORMATION

Publications

- MARTINS, P.; ARAUJO, S.; SILVA, M.M. (2016) "Intégrer les technologies en classe de langue: vers une écriture collaborative et multimodale" In: J. André, O. Bertrand et I. Schaffner. Le français écrit au siècle du numérique : enseignement et apprentissage. Paris : Editions de l'Ecole Polytechnique, collection "Linguistique et didactique".

Conferences / Papers:

- 25-05-2013: "TicLínguas 2013", "Intervenção das Humanidades nas Indústrias Criativas - Conceptualização de um videojogo lúdico-pedagógico", 25/05/2013, ILCH/Universidade do Minho. URL: http://nellip.pixel-online.org/files/nevents/16/01_Programme.pdf

- 25-09-2012: "Sinfo Saramago", "Apresentação do Laboratório Digital de Ficção", ILCH/Universidade do Minho.

- 8-10-2015 : ARAÚJO, Sílvia, SILVA, Marie-Manuelle, MARTINS, Paulo (2015) "Intégrer les technologies en classe de langue: vers une écriture collaborative et multimodale", in Colloque de Français Ecrit "Le français écrit au siècle du numérique : enseignement et apprentissage", 8-9 Outubro 2015, Campus de l'X.

Events / organizing committee

- "TechLing'16 Languages, Linguistics and Technology", 13-14 de outubro de 2016, Braga, Biblioteca Lúcio Craveiro da Silva, url: <http://cehum.ilch.uminho.pt/techling2016>

- "XVII Colóquio de Outono : Outros Mapas. Linguagem, Migração, Diáspora", 26 a 27 de novembro de 2015, Braga, Universidade do Minho - Auditório B1 CP2, url: <http://cehum.ilch.uminho.pt/xviiico>

- Support in the organization of CEHUM (<http://cehum.ilch.uminho.pt/events/en>) and CEPS (<http://ceps.ilch.uminho.pt/events/en>) events.

R&D Projects

- Gave support and created the database system for the R&D project (FCT/CEHUM) "Estudo da Fala Bracarense". Database at: http://cehum.ilch.uminho.pt/fala_bracarense

- Programmed software for testing purposes in the project "Grammar patterns and learning skills in children". Source-code at: <https://goo.gl/zKujkd>

- Started the project "Storya" with Sílvia Araújo (main coord.), project for improving literacy in schools. Website at: <http://cehum.ilch.uminho.pt/storya>

- Made the website for the Research Project R&D (FCT/CEHUM) "The Power of Narratives": <http://cehum.ilch.uminho.pt/narrativas>

- Made the database system/website for the Research Project "Microrrelato y antología". Database at: http://cehum.ilch.uminho.pt/microrrelatos_xaquinnunez