PERSONAL INFORMATION

Laura Pérez-Mayos

📍 PhD Student in Computational Linguistics. UPF, Barcelona

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🌐 https://lpmayos.github.io

PROFESSIONAL EXPERIENCE

October 2017 – Present — **NLP Pre-doctoral Researcher**
http://taln.upf.edu
Development of NLP tools and pipelines for the research group (dependency parsing). Participation in european projects.

July 2015 – September 2017 — **NLP Research assistant at TALN, UPF**
http://taln.upf.edu
Research assistant in NLP (Word Sense Disambiguation, Automatic Text Summarization)

May 2014 – September 2014 — **Web Architect at 4d-life**
http://4d-life.net
Frontend and Backend Engineer. Analysis, architecture and development of web applications with Python and Javascript.

March 2013 – February 2014 — **CTO at Iskra Desenvolupament S.C.C.L.**
http://www.iskra.cat
Agile leader and project manager. Analysis, design and development of web applications with Python and Plone.

March 2010 – January 2013 — **Web applications developer at UPCnet Inc.**
http://www.upcnet.es
Analysis, design and development of web applications with Python and Plone. Analysis, design and development of e-Government applications.

February 2008 – August 2009 — **Web applications developer at Guell Consulting Technologies Inc.**
http://www.guellconsulting.com
Analysis, design and development of web applications with Python and Plone.

February 2006 – January 2008 — **Web developer at SAC Disseny i Comunicacions Inc.**
http://activaweb.com
Analysis, design and development of web applications based on ASP / MySQL implementation of own content manager.

ACADEMIC EDUCATION

2017 – 2020 — **PhD in Computational Linguistics**   UPF
Universitat Pompeu Fabra, Barcelona, Spain
Thesis title: Robust Parsing for Downstream Applications.

2015 – 2017 — **Master on Computer Vision**   UAB, UPC, UPF, UOC (60 ECTS)
Universitat Autonoma de Barcelona, Universitat Politècnica de Catalunya, Universitat Pompeu Fabra, Universitat Oberta de Catalunya, Barcelona, Spain
Thesis title: Improving the quality of video-to-language models by an optimized annotation of the training material

2014 – 2015	**Master on Intelligent Interactive Systems**	UPF (60 ECTS)

Universitat Pompeu Fabra, Barcelona, Spain
Thesis title: Co-speech gesture generation for the humanoid robot REEM-C

2001 – 2005	**Technical Engineer in Computer Science**	UPC (183.6 ECTS)

Universitat Politècnica de Catalunya, Barcelona, Spain
Thesis title: Theclick production guide, visual directory of companies

RESEARCH INTERESTS

Deep Learning for natural language processing.
Natural language processing for social good.
Dependency parsing and its application to downstream applications.

PUBLICATIONS

2018 Pérez-Mayos, Laura; Sukno, Federico M.; Wanner, Leo. Improving the Quality of Video-to-Language Models by Optimizing Annotation of the Training Material. International Conference on Multimedia Modeling. 1 ed. Bangkok: Cham Springer International; 2018. p. 279-290.

UNIVERSITY TEACHING

Teaching assistant in the Computational Logic subject of the Computer Science Degree. DTIC. Universitat Pompeu Fabra, Barcelona, Spain. Academic year: 2014-2015.

INVITED TALKS

UPF-DTIC Research Seminar (Universitat Pompeu Fabra, Barcelona, Spain). Host: Monica Domínguez. 12th Dec 2018. Topic: Jupyter Notebook by example. Basic NLP with spaCy.

PARTICIPATION IN EUROPEAN PROJECTS

KRISTINA: A knowledge based information agent with social competence and human interaction capabilities. (Program: H2020-645012-RIA. European Union)

COMMUNITY

PyBCN President of PyBCN, the Barcelona Python Association. Our mission is to promote, educate and advance the local Python community through monthly meetups, practice sessions and specific events like PyDay and PyData.

PyladiesBCN Coordinator of PyLadiesBCN, a group with a focus on helping more women become active participants and leaders in the Python open-source community. Our mission is to promote, educate and advance a diverse Python community through outreach, education, conferences and events.

LANGUAGES

Mother tongue(s)   Catalan and Spanish

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1
A2	A2	A2	A2	A2

English (row 1), German (row 2)

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
Common European Framework of Reference (CEF) level

PERSONAL SKILLS

Computing   Linux, OSX. Python, Java, Matlab. ROS. MySQL, Neo4j, OrientDB, Solr, Mongo. HTML, CSS, JS.

Scuba diving   PADI Advanced Open Water Certificate. 2018. Thailand.
PADI Open Water Certificate. 2016. Barcelona.

Interests   Passionate reader. Scuba diving lover. Hiking enthusiast. Photographer. Enjoy traveling and cooking. Urban Cycling.