MINISTERIO DE CIENCIA E INNOVACIÓN

CURRICULUM VITAE (maximum 4 pages)

CV date	2022-01-13

Part A. PERSONAL INFORMATION

First and Family name	JUAN MIGUEL LÓPEZ GIL		
Social Security, Passport, ID number	34109808A	Age	44
Researcher codes	Open Researcher and Contributor ID (ORCID**)	0000-0001-7730-0472	
	SCOPUS Author ID (*)	55619312424	
	WoS Researcher ID (*)	H-4889-2012	

(*) Optional
(**) Mandatory

A.1. Current position

Name of University/Institution	Universidad del País Vasco/Euskal Herriko Unibertsitatea (UPV/EHU)		
Department	Computer Languages and Systems		
Address and Country	Manuel Lardizabal 1, 20018 Donostia-San Sebastian, Spain		
Phone number	+34 943015057	E-mail	juanmiguel.lopez@ehu.eus
Current position	Associate Professor (Contratado Doctor)	From	2012
Key words	Human-Computer Interaction, Affective Computing, Usability, Accessibility, User Interface Adaptability, Ontology, Knowledge Representation and Reasoning		

A.2. Education

PhD, Master, Grade	University	Year
PhD in Computer Science	Universidad del País Vasco/Euskal Herriko Unibertsitatea (UPV/EHU)	2007
Degree and MSc Computer Science	Universidad del País Vasco/Euskal Herriko Unibertsitatea (UPV/EHU)	2002

A.3. General indicators of quality of scientific production

Positive research evaluations (6 years periods): **1**
(2016 and next to be requested in 2022).

Advisor of **1** defended PhD Thesis.

Amount of Papers Indexed in ISI/JCR: **14**

Amount of Q1 or Q2 Papers: **5**

Web of Science
Citations: 95
H Index: 6

Scopus
Citations: 254
H Index: 8

Google Scholar
Citations: 750
H Index: 16

Part B. CV SUMMARY *(max. 3500 characters, including spaces)*

Juan Miguel López Gil is currently an Associate Professor at the University of the Basque Country (UPV/EHU). Previously, he was a visiting and assistant professor at the University of Lleida from 2007 to 2010, where he was the Academic Director of the master's program on Human-Computer Interaction. He has been lecturing at the UPV/EHU since 2010 at the Computer Languages and Systems Department. He is also a member of Asociación Interacción Persona Ordenador (AIPO) promoting Human-Computer Interaction and serving as a link between scientists and professionals who carry out activities in this field.

Juan Miguel has more than 15 years of experience in research applying Human-Computer Interaction in different domains, especially in affective computing and user interface usability, accessibility, and adaptability. Besides, he has worked with Artificial Intelligence techniques, mainly focused on supervised classification. He has also worked with ontologies for knowledge representation and reasoning. He has participated in over 12 research projects at the regional and national level, in which he has applied his Human-Computer Interaction background together with artificial intelligence techniques and ontologies for the management of different types of data. He has published over 50 scientific works, 16 of them in journals indexed in ISI/JCR.

Part C. RELEVANT MERITS *(sorted by typology)*

C.1. Publications

García, R., López-Gil, J.M., Gil, R. (2022). Rhizomer: Interactive semantic knowledge graphs exploration, SoftwareX, Volume 20, Article ID 101235

López-Gil, J.M., Gil, R., García, R. (2022). Do Deepfakes Adequately Display Emotions? A Study on Deepfake Facial Emotion Expression. Computational Intelligence and Neuroscience, vol. 2022, Article ID 1332122

López-Gil, J. M., & Garay-Vitoria, N. (2021). Photogram Classification-Based Emotion Recognition. IEEE Access, 9, 136974-136984.

López-Gil, J. M., Virgili-Gomá, J., Gil, R., Guilera, T., Batalla, I., Soler-González, J., & García, R. (2016). Method for improving EEG based emotion recognition by combining it with synchronized biometric and eye tracking technologies in a non-invasive and low cost way. Frontiers in computational neuroscience, 10, 85.

Álvarez, A., Sierra, B., Arruti, A., López-Gil, J. M., & Garay-Vitoria, N. (2016). Classifier subset selection for the stacked generalization method applied to emotion recognition in speech. Sensors, 16(1), 21.

López-Gil, J. M., Gil, R., & García, R. (2016). Web ontologies to categorialy structure reality: Representations of human emotional, cognitive, and motivational processes. Frontiers in psychology, 7, 551.

López Gil, J. M., García González, R., Gil Iranzo, R. M., & Collazos Ordóñez, C. A. (2014). EmotionsOnto: an ontology for developing affective applications. Journal Of Universal Computer Science, 2014, vol. 13, num. 20, p. 1813-1828.

García, R., Gimeno, J. M., Perdrix, F., Gil, R., Oliva, M., López, J. M., Pascual, A. & Sendín, M. (2010). Building a usable and accessible semantic web interaction platform. World wide web, 13(1), 143-167.

García, R., Gil, R., Gimeno, J. M., Granollers, T., López, J. M., Oliva, M., & Pascual, A. (2010). Semantic wiki for quality management in software development projects. Iet Software, 4(6), 386-395.

López Gil, J. M., Loinaz, M. U., Losada, B., & Castro, I. F. (2016). Field vs. laboratory usability evaluations: A study on a context dependent mobile application developed with an agile methodology. IEEE Latin America Transactions, 14(1), 339-348.

Losada, B., Urretavizcaya, M., Gil, J. M. L., & Fernández-Castro, I. (2013). Applying Usability Engineering in InterMod Agile Development Methodology. A Case Study in a Mobile Application. J. Univers. Comput. Sci., 19(8), 1046-1065.

Sendín, M., López-Gil, J. M., & López-Jaquero, V. (2014). Validation of a Framework for Enriching Human–Computer–Human Interaction with Awareness in a Seamless Way. Interacting with Computers, 26(5), 433-449.

López, J. M., & Sendín Veloso, M. (2010). Multi-purpose infrastructure for delivering and supporting mobile context-aware applications. Journal of Universal Computer Science, 2010, vol. 16, núm. 15, p. 2081-2098.

Sendín, M., & López, J. M. (2009). Contributions of Dichotomic View of plasticity to seamlessly embed accessibility and adaptivity support in user interfaces. Advances in Engineering Software, 40(12), 1261-1270.

Navarro-Molina, C., López-Gil, J. M., Aleixandre-Benavent, R., & Valderrama-Zurián, J. C. (2018). Study of the accessibility of a sample of scientific electronic journal publishing platforms: Changes from 2011 to 2016. Online Information Review, 42(3), 387-411.

López Gil, J. M., Navarro Molina, C., García González, R., & Aleixandre Benavent, R. (2010). Análisis de la arquitectura de webs mediante tests de estrés de navegación, de usabilidad y eye tracking. El Profesional de la información, 2010, vol. 19, núm. 4, p. 359-367.

Anfurrutia, F. I., Álvarez, A., Larrañaga, M., & López-Gil, J. M. (2018). Integrating Formative Feedback in Introductory Programming Modules. IEEE Revista Iberoamericana de Tecnologías del Aprendizaje, 13(1), 3-10.

Anfurrutia, F. I., Álvarez, A., Larrañaga, M., & López-Gil, J. M. (2017). Visual Programming Environments for Object-Oriented Programming: Acceptance and Effects on Student Motivation. IEEE Revista Iberoamericana de Tecnologías del Aprendizaje, 12(3), 124-131.

C.2. Research projects

IT980-16: ADIAN
Basque Government, General Grant for Research Groups
PI: Javier Francisco Muguerza Rivero
Jan 2016 – Dec 2021
Funding: 554.698,00€
Role: Investigator

IT722-13: Técnicas De Inteligencia Artificial
Basque Government, General Grant for Research Groups
PI: Maria Isabel Fernandez De Castro
Jan 2012 – Dec 2015
Funding: 53.200,00€
Role: Investigator

UFI11/45: Basque Advanced Informatics Laboratory
Unidades De Formacion e Investigacion UPV/EHU
PI: Agustin Arruabarrena Frutos
Nov 2011 – Dec 2016

Funding: 116.862,31€
Role: Investigator

TIN2008-06228: Open Platform for Multichannel Content Distribution Management (OMediaDis)
Ministerio de Educación y Ciencia, Spanish Government R+D+I Plan 2008 Call
PI: Roberto García González (Universitat de Lleida)
Jan 2009 - Dec 2011
Funding: 26.620 €
Role: Investigator

IMSERSO 70/06: Estudio Empírico De Patrones De Acceso A La Web Para Mejorar La Accesibilidad Cognitiva De Usuarios Sordos
IMSERSO
PI: Julio Abascal Gonzalez
Dec 2006 – Dec 2007
Funding: 15.763,00€
Role: Investigator

PDM-2006-178: Experiencia Piloto para Extender el Uso de un Tutor Inteligente para Personas con Discapacidad Cognitiva en Entornos Laborales y de la Vida Diaria
PI: Nestor Garay Vitoria (Universidad del País Vasco/Euskal Herriko Unibertsitatea (UPV/EHU))
Nov 2006 – Nov 2008
Funding: 26.200,00€
Role: Investigator

TSI2006-14250-C02-01: Desarrollo y Validación de Sistemas de Interacción Inteligentes Robustos Orientados a la Integración Laboral de Personas con Discapacidades
Ministerio de Educación y Ciencia, Spanish Government R+D+I Plan 2008 Call
PI: Miren Karmele Lopez De Ipiña Peña
Oct 2006 - Dec 2009
Funding: 79.070,00€
Role: Investigator