

CV DE MIEMBROS DEL DEPARTAMENTO DE CIENCIAS DE LA COMPUTACIÓN

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4. Posición: Docente Tiempo Completo Agregado 1 Actividades: Licencia de servicio.

Educación:

- Universidad de las Fuerzas Armadas ESPE, 2012, Tercer Nivel, Ingeniera en Sistemas e Informática.
 - Universidad Autónoma de Madrid, 2015, Cuarto Nivel, Máster en Investigación e Innovación en Tecnologías de la Información y las Comunicaciones.
 - Universidad de Castilla de la Mancha, 2018, Cuarto Nivel, Doctoranda del Programa de Doctorado de Tecnologías Informáticas Avanzadas.
5. 8 años de experiencia laboral en el DCCO.
 - 2015- Actualidad, Docente Tiempo Completo
 6. Experiencia laboral en otras organizaciones:
 - COFAPAZ SA/GRUPO TV CABLE, 2011-2012, Desarrollador SemiSenior y Técnico Help Desk.
 - ENOVA BUSINESS., 2012-2012, Desarrollador Web Senior.
 - COFAPAZ S.A., 2012-2014, Coordinadora de TI y Gestor de Problemas.
 7. Principales intereses de investigación:
 - Computación Ubicua e Inteligencia Ambiental.
 - Aprendizaje Automático.
 - Análisis de la información relacionada con el comportamiento humano.
 8. ORCID: <https://orcid.org/0000-0002-0903-734X>
 9. Google Scholar: <https://scholar.google.es/citations?user=8gB-cGcAAAAJ&hl=es>
 10. Research Gate: <https://www.researchgate.net/profile/Graciela-Guerrero-Idrovo/research> • L. Cuascota, P. Pachacama, and G. Guerrero, “A context aware application to support the execution of daily tasks of people with cognitive disabilities,” in 2020 15th Iberian Conference on Information Systems and Technologies (CISTI), Jun. 2020, pp. 1–6. doi: 10.23919/CISTI49556.2020.9141076.
 - D. Arias, C. Calvopiña, and G. Guerrero, “ADDiagnosis: Support Tool for Psychologists in the Diagnosis of Attention Deficit Disorder in Children,” in Advanced Research in Technologies, Information, Innovation and Sustainability, T. Guarda, F. Portela, and M. F. Santos, Eds., in Communications in Computer and Information Science. Cham: Springer International Publishing, 2021, pp. 184–193. doi: 10.1007/978-3-030-90241-4_15.
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- G. Casanova, D. Yandún, and G. Guerrero, “Analysis of video surveillance images using computer vision in a controlled security environment,” in *2020 15th Iberian Conference on Information Systems and Technologies (CISTI)*, Jun. 2020, pp. 1–6. doi: 10.23919/CISTI49556.2020.9141068.
- D. Avila, A. Altamirano, J. Avila, and G. Guerrero, “Anxiety detection using the AMAS-C test and feeling analysis on the Facebook social network,” in *2020 15th Iberian Conference on Information Systems and Technologies (CISTI)*, Jun. 2020, pp. 1–5. doi: 10.23919/CISTI49556.2020.9141104.
- L. Cuascota, L. Guevara, R. Cueva, F. Tapia, and G. Guerrero, “Assistance application of people with cognitive disabilities in tasks for their social inclusion,” in *2019 14th Iberian Conference on Information Systems and Technologies (CISTI)*, Jun. 2019, pp. 1–7. doi: 10.23919/CISTI.2019.8760732.
- G. Guerrero, F. J. M. da Silva, A. Fernández-Caballero, and A. Pereira, “Augmented Humanity: A Systematic Mapping Review,” *Sensors*, vol. 22, no. 2, Art. no. 2, Jan. 2022, doi: 10.3390/s22020514.
- J. Yépez, L. Guevara, and G. Guerrero, “AulaVR: Virtual Reality, a telepresence technique applied to distance education,” *2020 15th Iberian Conference on Information Systems and Technologies (CISTI)*, pp. 1–5, Jun. 2020, doi: 10.23919/CISTI49556.2020.9141049. • J. Yépez, L. Guevara, and G. Guerrero, “AulaVR: Virtual Reality, a telepresence technique applied to distance education,” in *2020 15th Iberian Conference on Information Systems and Technologies (CISTI)*, Jun. 2020, pp. 1–5. doi: 10.23919/CISTI49556.2020.9141049. • P. Pachacama, L. Cuascota, and G. Guerrero, “Authoring Tool for the Creation of Learning Objects in Occupational Education to Support People with Cognitive Disabilities,” in *Trends and Applications in Information Systems and Technologies*, Á. Rocha, H. Adeli, G. Dzemyda, F. Moreira, and A. M. Ramalho Correia, Eds., in *Advances in Intelligent Systems and Computing*. Cham: Springer International Publishing, 2021, pp. 194–204. doi: 10.1007/9783-030-72654-6_19.
- A. Quimbita, A. Pupiales, and G. Guerrero, “Conception and Analysis for New Social Networks in University Community:,” in *Proceedings of the 22nd International Conference on Enterprise Information Systems*, Prague, Czech Republic: SCITEPRESS - Science and Technology Publications, 2020, pp. 592–598. doi: 10.5220/0009566105920598.
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- D. Terán, J. Rivera, A. Mena, F. Tapia, G. Guerrero, and W. Fuertes, “Early Alert Infrastructure for Earthquakes Through Mobile Technologies, Web, and Cloud Computing,” in *Technologies and Innovation*, R. Valencia-García, G. Alcaraz-Mármol, J. Del CioppoMorstadt, N. Vera-
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Lucio, and M. Bucaram-Leverone, Eds., in *Communications in Computer and Information Science*. Cham: Springer International Publishing, 2018, pp. 240–251. doi: 10.1007/978-3-030-00940-3_18.

- V. Bauz, J. Latacunga, and G. Guerrero, “Geomultihoming: A New Connectivity Term Between WiFi Networks and Mobile Networks,” in *Trends and Advances in Information Systems and Technologies*, Á. Rocha, H. Adeli, L. P. Reis, and S. Costanzo, Eds., in *Advances in Intelligent Systems and Computing*. Cham: Springer International Publishing, 2018, pp. 553–564. doi: 10.1007/978-3-319-77712-2_52.
- G. Guerrero, L. Gómez, and J. Achig, “Holonote: Text editor of augmented reality oriented to people with motor disabilities,” in *2020 15th Iberian Conference on Information Systems and Technologies (CISTI)*, Jun. 2020, pp. 1–7. doi: 10.23919/CISTI49556.2020.9140857. L. Arellano, D. Del Castillo, G. Guerrero, and F. Tapia, “Mobile Application Based on Dijkstra’s Algorithm, to Improve the Inclusion of People with Motor Disabilities Within Urban Areas,” in *New Knowledge in Information Systems and Technologies*, Á. Rocha, H. Adeli, L. P. Reis, and S. Costanzo, Eds., in *Advances in Intelligent Systems and Computing*. Cham: Springer International Publishing, 2019, pp. 219–229. doi: 10.1007/978-3-030-16184-2_22.
- K. Montalvo, N. Arias, R. Cueva, K. Enriquez, D. Pallo, and G. Guerrero, “Mobile application for the prediction of the expiration of food products refrigerated by warning sensors,” in *2018 13th Iberian Conference on Information Systems and Technologies (CISTI)*, Jun. 2018, pp. 1–7. doi: 10.23919/CISTI.2018.8399235.
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- L. Barrionuevo, F. Tapia, H. Aules, and G. Guerrero, “Optimization of a massive data upload model using search engines for websites oriented to e-commerce,” in *2017 6th International Conference on Software Process Improvement (CIMPS)*, Oct. 2017, pp. 1–8. doi: 10.1109/CIMPS.2017.8169945.
- G. Guerrero, E. Sarchi, and F. Tapia, “Predict the Personality of Facebook Profiles Using Automatic Learning Techniques and BFI Test,” in *New Knowledge in Information Systems and Technologies*, Á. Rocha, H. Adeli, L. P. Reis, and S. Costanzo, Eds., in *Advances in Intelligent Systems and Computing*. Cham: Springer International Publishing, 2019, pp. 482–493. doi: 10.1007/978-3-030-16181-1_46.
- A. Quimbita, A. Pupiales, and G. Guerrero, “Proposal to improve the usability of social networks using eye tracking : A study to optimize internal communication in the university context,” in *2020 15th Iberian Conference on Information Systems and Technologies (CISTI)*, Jun. 2020, pp. 1–6. doi: 10.23919/CISTI49556.2020.9140883.
- K. Enriquez, M. Palacios, D. Pallo, and G. Guerrero, “SENSE: Sensory component VR application for hearing impaired people to enhance the music experience,” in *2020 15th Iberian Conference on Information Systems and Technologies (CISTI)*, Jun. 2020, pp. 1–6. doi: 10.23919/CISTI49556.2020.9140447.
- A. Altamirano and D. A. and G. Guerrero, “SOCIAL NETWORK SENTIMENT ANALYSIS TOOLS FOR THE DETECTION OF MENTAL ILLNESS: A SYSTEMATIC MAPPING,” presented at the *IADIS International Conference Information Systems 2020*, 2020, pp. 91–98.
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- J. Almeida, D. Suárez, F. Tapia, and G. Guerrero, “Use of Virtual Reality Using Render Semirealistic as an Alternative Medium for the Treatment of Phobias. Case Study: Arachnophobia,” in Applied Informatics, H. Florez, C. Diaz, and J. Chavarriaga, Eds., in Communications in Computer and Information Science. Cham: Springer International Publishing, 2018, pp. 144–154. doi: 10.1007/978-3-030-01535-0_11.
- K. Cofre, E. Molina, and G. Guerrero, “Voice controlled interface oriented memory loss assistance system for older adults,” in 2020 15th Iberian Conference on Information Systems and Technologies (CISTI), Jun. 2020, pp. 1–6. doi: 10.23919/CISTI49556.2020.9140845. • M. Calvopiña, J. Zamora, S. Zúñiga, and G. Guerrero, “Yaatee: A Mobile Application for Transportation Request Focused on People with Disabilities,” in Emerging Research in Intelligent Systems, M. Botto-Tobar, H. Cruz, A. Díaz Cadena, and B. Durakovic, Eds., in Lecture Notes in Networks and Systems. Cham: Springer International Publishing, 2022, pp. 110–122. doi: 10.1007/978-3-030-96043-8_9.

M. Iza, K. Chuquimarca, E. Jerez-Villota and G. Guerrero, “Learning About Recyclable Waste Management Through Serious Games”, WorldCist'23 - 11st World Conference on Information Systems and Technologies Pisa, Italy, 4 - 6 April 2023.

11. Membresía en sociedades científicas y profesionales: N/A.

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12. Premios y honores:

- Reconocimiento por haber desarrollado publicaciones, capítulos de libro o libros durante el año 2020.
- Reconocimiento por haber desarrollado publicaciones, capítulos de libro o libros durante el año 2019.
- Reconocimiento por haber desarrollado publicaciones, capítulos de libro o libros durante el año 2018.

13. Cursos en el año académico actual:

Soluciones para entender la innovación, seminario 4 horas.

Branding yourself as a researcher, seminario, 4 horas.

Key skills for early researchers, seminario, 4 horas.

Open Science Open Data, seminario, 4 horas.

Planning and managing the research, seminario, 4 horas.

14. Otras responsabilidades en el año académico actual: N/A- Licencia de servicio

15. Información sobre el desarrollo profesional:

Cuarto año en curso de la tesis doctoral: Humanidad Aumentada: Taxonomía y Aplicaciones.

Coordinadora de Vinculación del Departamento de Ciencias de la Computación, 2016-2018, Departamento de Ciencias de la Computación.

Coordinadora del Área de Conocimiento de Formación Científica, 2018-2021, Departamento de Ciencias de la Computación.

Jefe de Laboratorios de Computación, 2021-2022, Departamento de Ciencias de la Computación.

Coordinadora del Programa de Maestría en Gerencia de Sistemas, 2018-2022, Centro de Posgrados.