

Joe Carrión Jumbo

CUNEF UNIVERSIDAD

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EMPLOYMENT

Lecturer, Department of Quantitative Methods, CUNEF Universidad, Spain (Present)

Assistant Professor, Escuela Politécnica Superior, Spain (Present)

Teaching and research in Data Science, Artificial Intelligence, Software Engineering, and Cloud Computing.

EDUCATION

Ph.D. in Computer Science, Universidad Autónoma de Barcelona, Spain (2017)

M.Sc. in High Performance Computing, Information Theory and Security, Universidad Autónoma de Barcelona, Spain (2013)

B.Sc. in Computer Engineering and Computer Science, Ecuador (2003)

FIELDS OF INTEREST

Artificial Intelligence, Internet of Things, Computer Vision, data mining, Information Security, Educational Technology.

PUBLICATIONS

Carrión-Jumbo, J. L., Jaramillo, C. E., & Villarreal, S. N. (2026). Learning analytics, artificial intelligence, and democratic curricular governance. In *AI Influence on Governance and Law in the Digital Age*. IGI Global.

Cajas-Cajas, V., Riofrío-Luzcando, D., Carrión-Jumbo, J., et al. (2024). Data lake optimization: An educational analysis case. *Lecture Notes in Networks and Systems*.

Vilca, W., Carrión-Jumbo, J., et al. (2023). Real estate prediction post-pandemic. International Conference on Applied Informatics.

Vásquez, R., Carrión-Jumbo, J., et al. (2023). Emotion classification using EEG signals. CISTI 2023.

WORKING PAPERS

Machine learning for social behavior analysis.

Review about Choosing a Journal process

SELECTED ACADEMIC HONOURS AND GRANTS

SENESCYT Scholarship for Ph.D. studies (2013–2017). Cum laude

SENESCYT Scholarship for Master's studies (2011–2013).

Research funding for ICT and data science projects.

Academic publications in indexed journals

SELECTED PRESENTATIONS

CONFERENCES

Computer Vision-assisted Tele-diagnosis System for Physical Therapy in the INTERNATIONAL CONFERENCE IN INFORMATION SYSTEMS AND MEDICINE03-05 APRIL 2025 - SANTIAGO, CHILE

Analysis of the Funding, Volume, and Quality of Scientific Output in Ecuador en IV Foro Internacional de Aseguramiento de la Calidad de la Educación Superior: Políticas y modelos de aseguramiento de la calidad en Iberoamérica – Loja – Ecuador.

PROFESSIONAL ACTIVITIES

Supervision of undergraduate and graduate theses.

Reviewer and contributor to scientific publications.

Development of ICT systems and security policies.

Training in Python, Data Science, and IT systems.