

DATE 17/12/2019
RE Letter of recommendation dr. J.A. Espinosa Oviedo
CONFIDENTIAL I provide this letter of reference on the understanding that it will remain confidential to those concerned with considering the application of dr. J.A. Espinosa Oviedo

To whom this may concern,

It is a genuine pleasure and honor for me to recommend dr. Javier A. Espinosa Oviedo for a position at your organization. In my capacity as full Professor of Computer Science and Law at Leiden University, as chairperson of the Leiden Centre for Data Science, but mainly from my position as a board member of the LDE Centre for BOLD Cities¹, I have worked closely with dr. Javier A. Espinosa Oviedo for several times in 2018-2019. I know Javier as a kind and understanding person who's able to manage stressful and complicated projects. Many of the solutions proposed were insightful and practical and showed a capacity of breaking larger Issues into manageable segments. Especially a collaboration between three universities is a challenging environment, where collaboration is key.

His responsibilities as postdoctoral researcher included the organization of expert seminars, supervision of master students working on related topics, assisting in the ongoing projects and the search for potential new research projects valuable for the Centre for BOLD Cities. Dr. Javier A. Espinosa Oviedo was a valuable team member because of his expertise in distributed data centric systems design and Big Data management and analytics as a computer scientist. During his stay he assisted in projects related to data centric challenges in the context of the built environment and energy.

Dr. Espinosa Oviedo participated actively in the network activities of the Centre for BOLD Cities. He organized the monthly seminar BOLD Cities Talks that successfully brought speakers and audience from different educational and governmental institutions together. The seminar set the basis for a research proposal for improving disaster management in cities following a data centric approach that was awarded a 4 years BOLD Cities research grant. His leadership is also an important guideline for assessing his qualities as a research leader. Javier is a person who brings different parties into contact with each other easily. He does so in his own style, well-minded and thought through. His activities in the research project are very accurate, where he was able to translate different points of view, coming from different disciplines into one research project.

During his one-year postdoctoral position, Javier was an active member of the Centre for BOLD Cities.
His research activities led to:

- Publications in 2 international conferences (1 CORE A) and 1 international workshop, and the obtention of external funding for attending and presenting his work in these forums.
- Participation in the INTERREG EU TRIPLE-A project where he developed solutions for analyzing household energy consumption patterns in collaborating with the French Picardie Public Service for Energy Efficiency and the Laboratory of Informatics of Grenoble.
- Mentoring of 2 master students at TU Delft, 1 master student from Grenoble INP in collaboration with other members of the Centre.
- International collaborations for expert seminars.

Based on his results, I consider Dr. Espinosa Oviedo as an asset, who has shown autonomy, leadership skills and abilities for developing research activities in collaboration with multidisciplinary groups. I therefore recommend Dr. Espinosa Oviedo for an academic position involving research, teaching and mentoring within your organization.



Prof. dr. H. Jaap van den Herik
LDE Centre for BOLD Cities
Leiden Centre of Data Science (LCDS)
Leiden University

Telephone: +31 71 527 2727
Email: jaapvandenherik@gmail.com

¹ Leiden University, Delft University of Technology and Erasmus University joint research Centre for Big, Open and Linked-Data Cities