



To Whom It May Concern

Professor Vassil Alexandrov
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Dear Sir/Madam,

Re: LETTER OF SUPPORT FOR DR. JAVIER A. ESPINOSA OVIEDO

Dr. Javier A. Espinosa Oviedo is a computer scientist specialized in the domains of databases and distributed systems, who worked as postdoctoral researcher in my group when I was at Barcelona Supercomputing Centre (BSC), sponsored by the Mexican Council of Science and Technology (CONACyT) via a postdoctoral fellowship.

During his postdoctoral position at BSC, Dr. Espinosa Oviedo developed his research activities in the context of his own defined project "Collection and processing of big data in real-time for visualizing crowds in 3D urban spaces". His research activities led to:

- (i) design and implementation of prototypes;
- (ii) 12 publications of which 6 journal articles (4 Scopus, 1 JCR, 1 CONACyT recognized), one book chapter and 5 workshop/symposia (1 workshop, 2 symposia and 2 posters);
- (iii) preparation of teaching material and participation as lecturer in different training programs at BSC;
- (iv) definition and write up of research projects for participating in funding calls.

He also obtained a prestigious Microsoft grant of 20K USD and several smaller grants over 2.5K USD.

During this period, Dr. Espinosa Oviedo also cooperated with other researchers at BSC and enhanced an international collaboration which resulted in the definition of trans-institutional international projects with CINVESTAV and UDLAP in Mexico, and the CNRS LAFMIA laboratory in France. These collaborations also led to the visit of some senior researchers to BSC and the invitation of two master students to conduct a 6-months internship with CONACyT mobility grants.

Because of these results, I consider that Dr. Espinosa Oviedo is a valuable asset who has exhibited curiosity, passion for his job and good research and teaching skills. In addition, he has excellent communication skills and works very well in a team as well on its own. He has shown also clear leaderships skills, both in research and teaching.

I consider Dr. Espinosa Oviedo to be my most successful CONACyT postdoc. I therefore fully support his application for a permanent position in any research or academic institution.

Yours sincerely,

Prof. Vassil Alexandrov
Chief Science Officer, Hartree Centre, STFC
Formerly: ICREA Research Professor at Barcelona Supercomputing Centre (until December 2018)