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**Laboratoire
des sciences de
l'ingénieur,
de l'informatique et
de l'imagerie (Icube)
UMR 7537**

UNIVERSITÉ DE STRASBOURG

to

Staff Service Centre

Objet : Recommendation of Marc Frincu for a Position of Lecturer / Senior Lecturer for Computer Science (job ID 17092)

Stéphane GENAUD

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I first met Marc Frîncu in 2007 when he was a student on an internship in my team at the INRIA [1] research center of Nancy, France. I was at that time on the leave from University of Strasbourg on a researcher position. Although we have not directly worked together at that time, I know from my colleagues that he perfectly achieved his objectives during his internship, which led my colleagues to propose him to apply for PhD funding at INRIA. Marc preferred to return to Romania, where he went on with a PhD on a subject related to scheduling applications for Grids. This research theme is close to my own, and I noticed during the last years the interesting results published by Marc in conferences in the domain.

In July 2012, I learned that Marc was searching for a PostDoc position and I immediately proposed him to join us to work on scheduling for clouds. Marc started on October 2012 with a funding from the ANR project SONGS [2] I am involved in. The objective is to enrich an existing simulation toolkit with an API dedicated to the simulation of cloud-based systems. Simultaneously to the work on simulation, my research group is developping a broker which implements specific scheduling strategies to operate real cloud platforms from the client side. Our ultimate goal is to identify the factors that enable an accurate prediction of cloud exploitation through simulation.

During his stay (september 2012-september 2013) Marc has been extremely productive. He has immediately started to work both on the practical aspects related to developments in the simulator and on the theoretical side. We took his arrival as an opportunity to review related works in order to focus his research directions on relevant issues. Thanks to his large body of knowledge in the field of grid and cloud computing, Marc then quickly came up with a survey that has just been pusblished in a journal. Despite the shortness of his stay, he has been the initiator of three publications, two of those being journal papers. I have been favourably impressed by the capabilities of Marc to quickly identify and summarize relevant research issues, and then to write them in a very fluent style.

Undoubtably, Marc is both a very autonomous, and hard-working person. He is open to new opportunities, and likes very much team work altough he is not very demonstrative. Marc likes to come to a team meeting work with mature thoughts on a problem. I have been surprised a couple of times to see that Marc had already formalized a problem, working on its own, before the first team discussion. Hence, this represented a very valuable basis for discussions. I would summarize by saying that Marc's work is discreet but efficient.

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1. INRIA is a national research center in Computer Science in France (http ://www.inria.fr)
2. http ://infra-songs.gforge.inria.fr/

Marc is also eager to start new collaborative projects. He has proposed me to build a proposal based on a cooperation with Romania for the ANR international white program call, only 3 months after he has arrived. The deadline was actually too short, but this demonstrates leadership quality. The experience Marc has gained in his subsequent postdoc position at University of Southern California has probably reinforced his leadership in this domain, as he told me part of his job is to write grant proposal for agencies such as NSF.

To summarize, quoting your evaluation framework, i would say :
— The applicant's academic qualifications : excellent
— The applicant's personality, interests and potential : a discreet, open-minded, hard-working and enterprising person, with a great potential.
— The applicant's teaching experience and ability : does not apply as Marc did not teach during his stay at my lab.
— The applicant's administrative experience and ability : very helpful and enterprising as far i could see, probably even more administrative work done at USC.
— The applicant's research experience and publications : very good records
— Given the opportunity, would you work with/employ this person again : yes, certainly.

For all these reasons, Marc is a remarkable professional ans it is my pleasure to strongly recommend him for this position of *Lecturer* position at the University of Auckland.

Stéphane GENAUD