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Florianópolis, December 26, 2011.

Dear Sir/Madam

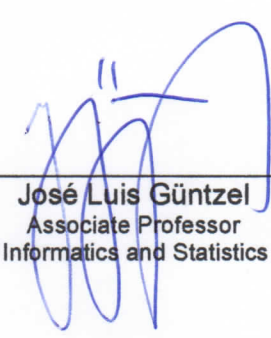
I am writing on behalf of João Paulo Pizani Flor who is applying to your Master Program on Embedded Computing Systems (within the "Erasmus Mundus" Program).

I knew João Paulo Pizani Flor in the second semester of 2007, when he was my student in the Digital Systems course of the undergraduate program in Computer Science at the Federal University of Santa Catarina (UFSC), Florianópolis, Brazil. He has successfully fulfilled the requirements of the course, having obtained grade 8.5 (in a scale between 0.0 and 10.0), which corresponds to the second best grade among all my 40 students in that semester.

More recently I made part of the evaluation committee of João Paulo's undergraduate final project, which title was "Behavioral synthesis of an operating system components on hardware". In that work he has modeled in C++ the scheduler of a locally developed embedded operating system ("EPOS"). The descriptions were submitted to a behavioral synthesis flow by using a commercial tool. Besides the synthesis itself, he also performed the system validation by using a previously developed RTL version as golden model. The complexity and the amount of work was beyond that expected for a one year final project in our undergraduate program, thus revealing both the motivation and the work capability of the candidate. In addition, with such project the candidate has faced several problems in the embedded systems area, providing important opportunities for personal improvements.

Once I have met the candidate in two distinct times of its academic life, in the very beginning of the undergraduate course and in the final project, I could observe his impressive technical evolution. Finally, other relevant characteristics of the candidate are: solid background in Computer Science, commitment and self-driving behavior. Therefore, in my opinion the candidate has an adequate profile to pursue his studies in a master program.

Yours sincerely,



José Luis Güntzel
Associate Professor
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