Teaching Statement

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November 2015

I am an Associate Professor in the Department of Computer Engineering and Information Systems at *Universidade Lusófona de Humanidades e Tecnologias*.

My activity as a teacher involves lecturing core competency disciplines to 1st cycle (BSc) students (Operating Systems, Computer Networks, Security) and more advanced concepts to 2nd cycle (MSc) students (Identity Management, Parallel Computing). Besides, I advise MSc and PhD students, in projects related to the above mentioned areas.

My contact with students spans several cycles of their training. Throughout this period, my objectives are threefold: 1) to develop among my students the technical and practical competencies needed to excel as professionals in the information technology industry, 2) to develop their enthusiasm for discovery and the analytical mindset leading to innovation initiatives, and 3) to develop their interest and motivation for pursuing the next cycle of studies.

The first objective is in general pursued during the 1st cycle of studies, where my teaching methodologies are ruled by the following guidelines:

- Theoretical classes based on expository method, complemented by self-learning and individual research for the development of the course content, for which various educational supports and bibliography are provided, as well as support outside class hours;
- Supervision of practical or laboratory classes, where competencies are acquired through learning by discovery, in peers or groups, in which the teacher's role is to orient the learning process;

During the 2nd cycle of studies, my teaching objectives are more oriented towards developing a research oriented mindset among my students, by addressing state of the art topics in my classes and proposing assessments based on the implementation of working prototypes or proofs of concept. My teaching assignments also involve the organization of seminars consisting of thematic conferences and debates, where invited speakers present state of the art technology and products as well as ongoing or recent research projects. In this context, my students are set with the goal of initiating their specific research activities, by proposing and presenting their MSc dissertation themes. My role in this process is to act as a moderator on the debates, leading students in the process of finding a theme and an advisor. I also propose MSc themes falling in my areas of interest and provide guidance to candidates.

I otherwise believe that this latter activity is very important for my achievement as a researcher, either by conducting a first level approach of more complex problems, or by training candidates with the interests and skills needed to integrate research projects and pursue their studies with a PhD.

During the duration of these cycles, I often establish contacts with students that span throughout a period of four to five years, during which I have the chance to create very inspiring relationships with some of them. I believe that I may have brought important contributions to their training and growth, both as individuals and professionals. But I can hardly measure the contribution that they have brought to my achievement as a teacher and a person.

(José Luís de Azevedo Quintino Rogado)