

# Teaching Statement

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With experience of teaching and interacting with the students from diverse backgrounds, I have developed following principles for teaching.

- The applicability of the methods is based on the rich conceptual understanding.
- It is vital to learn state-of-the-art and reflect them in the teaching material.
- It is important to know that every student has a different focus and abilities.
- Personalized and group based learning approach based on practical examples and projects.

I encourage students to ask questions and class participation. I want to conduct the exams not merely as evaluations, but as an opportunity for students to understand and synthesize the semester's work. My review outlines for the exams help students see the big picture and link together the course's themes. Additionally, my desire is to collaborate with students and reshape their work in the applied research.

The project based learning helps students to acquire hands-on experience with software engineering processes and information technologies by designing a prototyping a real distributed computing application. It promotes creative thinking and co-creation techniques in real life scenario.

A teacher should leverage their students to reason about the contents being delivered. It is important for a teacher to clearly communicate the rationale behind selecting a specific topic rather than simply delivering the abstract concept. By doing so, a teacher can highlight both practical as well as theoretical aspects and importance of a topic. It is equally important for a teacher to realize that not every topic will interest the students. However, a teacher must establish credibility by acknowledging the fact and convincing the students that they will learn something useful if not interesting.

I have been involved in teaching at Pompeu Fabra University Barcelona, which gave me a deep insight into the student perspective at international level from diverse backgrounds. I strongly believe in promoting diversity in the class, which I do by adopting several methods, for example, I always try to pronounce student names correctly in their own dialect, by giving examples of diverse contributors to the course. I encourage formation of cross cultural groups for the course assignments, projects and presentations.

Finally, I believe there must be a fair and clear grading policy is very important. It ensures that students know how much effort is required from their side and how well it will be rewarding. Grading policy should not affect creativity by encouraging students to cram for exams and sole assignments without logical reasoning. Finally, I believe there must be a friendly, yet respectful relation between students and a teacher. This ensures that students are free to discuss their ideas and problems and expect a credible response.