Employment History

I wanted to add a couple of words concerning my employment history, as it may be relevant for the more practical components of becoming a PhD student. I am particularly keen on the prospect of becoming a Teaching Assistant at the University. Passing along the knowledge I have acquired and engaging with the reasoning of students who are now in the position I was just a couple of years ago is something I find very exciting.

In this regard, my current occupation at Futura, an Italian start-up and now one of the primary players in the emerging field of EduTech, is highly relevant to the teaching aspect. I initially began with a part-time contract, teaching mathematics and physics in one-to-one lectures. Over time, I advanced to better positions within the company, and from September I teach a course in Mathematics and Logic to students preparing for public exams in Italy, with classes that typically have an average attendance of 250–500 students, delivered both live and as recorded sessions.

Teaching at Futura is always supported by various AI tools, developed by the company's tech team specifically for educators. These tools have not only enhanced my teaching experience but have also introduced me to new aspects of artificial intelligence, allowing me to familiarise myself with cutting-edge technologies in the field.

This job has provided me with a range of invaluable teaching experiences. First, it taught me how to convey complex ideas to individual students, some of whom may not have had a strong intrinsic motivation in the subject. Second, it revealed the significant differences between teaching online and teaching in person, requiring different techniques to maintain students' attention effectively in each setting. Lastly, it equipped me with the skills to prepare lecture material and present it confidently to hundreds of people—abilities that will undoubtedly be of critical importance in any future teaching role.

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[0]An updated version of each files uploaded for the application is made available here: https://horreum.pages.dev/1.-Active–and–Works/Academic-Diary/2024/Attachments-to-PhD-Applications