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After earning my Master's degree in Physics from the University of Rome La Sapienza, I obtained a PhD in Statistical Biophysics from SISSA, Trieste. I am currently a Research Technologist at Area Science Park, working within the Laboratory of Data Engineering (LADE), where I conduct research at the intersection of artificial intelligence and molecular simulations for life sciences. My activities also include the implementation and management of data infrastructures and services to promote and enforce FAIR principles within my laboratory and across other life science laboratories. In addition, I contribute to the organization and teaching of the Master's programme in Data Management and Curation, where I teach Python for data management. I also supervise students during their internships within LADE.