

In 2016, I obtained a Engineer/Master degree in Computer Science and Applied Mathematics from the National Polytechnical Institute of Toulouse, France.

From September 2016 to October 2019, I was a PhD student at IRIT (research institute in computer science, Toulouse), supervised by Sandrine Mouysset and Daniel Ruiz. My main focus was to develop a spectral algorithm to detect block structures within matrices, which I extensively used to detect communities within networks. My research interests are thus mostly linear algebra (especially spectral methods and matrix scaling) and networks (especially spectral graph theory and quality measures for community detection).

During my PhD, I was also a teaching assistant in applied mathematics at the Ecole d'Ingénieurs ENSEEIHT (covering Bachelor and Master levels).

I obtained my PhD the 28th October 2019, and I left Toulouse for Glasgow, where I have worked since December, supervised by Dr. Philip Knight, as a UK IC postdoctoral fellow at the University of Strathclyde, to develop algorithms to perform scalable partitioning of large complex networks.