

2021 - 2022	M2 - EUR Light S&T University of Bordeaux [%]		
	 Specialization Courses : Biophysics, Optics of Nanomaterials, Light-Manipulation of Matter, Advanced Statistical Physics, etc. Laboratory Courses : Physics simulation, Research project (self-propelled robots), etc. 		
2020 - 2021	M1 - Fundamental Physics and Applications University of Bordeaux [%]		
	 Specialization Courses : Fluid and Plasma, Advanced Quantum Mechanics, Electrodynamics, etc. Experimental Research Work : Spectroscopy, Condensed Matter, Plasma, Nuclear Physics. 		
2016 - 2020	Bachelor of Science - Physics University of Paris-Est Créteil [%]		
	 Specialization Courses : Quantum Physics, Statistical Physics, Mechanics of Continuous Media , etc. Additional Courses : Molecular Symmetry, Crystallography, Mechanics of Deformable Systems 		
INTERNSHIP	•		
February to July 2022	3-photon fluorescence microscopy for in-depth brain and liver tissue analysis LP2N with Cognet Research Group [%]		
	 Construction and calibration of different parts of a custom-made microscope in order to perform 3-photon fluorescence microscopy and FCS. (work in progress) 		
january to may 2022	Study of the behavior of self-propelled robots pair structure (LabProject) LOMA with the MMB team in turbulence and instabilities thematics [%]		
	\cdot Investigation into a new structure for active robots like its impact on its movement.		
December 2021	High content imaging of spheroids using the soSPIM 3D imaging platform (LabProject) IINS with Sibarita Team $^{\rm 9}$		
	 Investigation of the effect of the FBS on HEPG2 cells by the characterization of the dynamics of spheroids with three different concentration of FBS. 		
April to June 2021	Implementation of FCS custom-made microscope to study the dynamics of nanometric self-propulsion LOMA with the MMB team in Optoflow thematics $^{\rm S}$		
	 Optimization and characterization of a FCS setup Preparation of synthesized nanoparticles sample to study nanoparticles' dynamics 		
SKILLS	Adaptability and Autonomy • Realization of various summer-job and internship with autonomous work.		
	Self study on different courses like Nonlinear optics, Laser, etc.		

Team Work

Practice sport team (15 teammates) and experimental works/projects (2 colleagues).

LANGUAGE	•	TECHNICAL SKILLS	INTEREST	•
French	Native language	Programming language Python, Matlab, LateX.	Rugby XIII 5 years of practice	SPORT
English	B2	Analysis software	in Paris and Bègles	
Spanish	B1	ImageJ, ÖceanView.	Handball 7 years of practice in Nangis (77)	SPORT