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EDUCATION	
August 2019 - August 2020	ECOLE DES PONTS PARISTECH, Paris, France Masters in Materials Science for Sustainable Construction
August 2017 -	<ul> <li>Courses: Developing and understanding building materials; Sustainable Constructions; Rheophysics; Physics-Chemistry of cement-based materials.</li> <li>ECOLE DES PONTS PARISTECH, Paris, France</li> </ul>
August 2020	Master of science in civil engineering, Double-degree program
January 2014 – December 2020	<ul> <li>Courses: Mechanical behavior of materials; Plasticity, limit analysis and yield design; Engineering Geology; Innovative Materials in concrete constructions.</li> <li>ESCOLA POLITECNICA DA UNIVERSIDADE DE SAO PAULO, São Paulo, Brazil Bachelor: Civil Engineering</li> </ul>
	<ul> <li>Courses: Fundamentals of Materials Science; Soil Mechanics; Construction Materials; Fundamentals of Geology and Mineralogy; Modelling in Civil and Environmental Engineering.</li> </ul>
RESEARCH AN	ID WORK EXPERIENCE
February 2020 - August 2020	BLOCK RESEARCH GROUP ETH, Zürich, Switzerland
	Master Student
	Computational analysis of funicular structures in concrete.
January 2019 - July 2019	<ul> <li>This work leads to the conclusion of ENPC master's thesis focusing on the optimization of 3D printing geometries in concrete.</li> </ul>
	EIFFAGE CIVIL ENGINEERING, Paris, France
	Research Intern
	Research on the design of concrete segments in the construction of underground tunnels.
	<ul> <li>Rheology measurement of the samples followed by mechanical tests on dried state.</li> </ul>
July 2018 – December 2018	SAINT GOBAIN RESEARCH, Paris, France Research Intern
	<ul> <li>Set up mechanical modeling tools to optimize the nonlinear behavior of metal structures contributing to fire resistance.</li> </ul>
	<ul> <li>Mechanical finite element modeling with Abaqus, performing mechanical tests on the optimized structure.</li> </ul>
November 2016 – February 2017	UNIVERSITAT POLITÈCNICA DE CATALUNYA, Barcelona, Spain Research Intern
	<ul> <li>Work alongside experts on the field of fiber-reinforced concrete conducting mechanical experiments in a partnership with Escola Politécnica USP.</li> </ul>
November 2015 – March 2017	ESCOLA POLITECNICA DA UNIVERSIDADE DE SAO PAULO, Sao Paulo, Brazil Research Intern at the Building Materials Analysis Laboratory
	• Experimental evaluation of comparative behavior of fiber-reinforced concrete with metal fibers with two levels of resistance.
	<ul> <li>Determination of the increase in resistance: Probabilistic analyzes; Mechanical tests of bending and studies of compression failure and rheological properties during casting.</li> </ul>
SKILLS AND HO	DNORS

Awards	Sustainable Development scholarship – Group Saint Gobain Research, France, 2017 - 2018
	Brazilian governmental scholarship to student research (FAPESP), Brazil, 2015-2017
Technical Skills	Rhinoceros/Grasshopper, Abaqus, CAD Siemens NX10 3D, MS Office, Python, C, R studio.
Language Skills	Portuguese: native speaker; English: fluent; French: fluent; Spanish: Limited working proficiency