

EDUCATION	MSc, Computational Design, Fulbright Scholar Carnegie Mellon University , Pittsburgh, USA Relevant coursework: Parametric Modeling, Design Research, Advanced CAD/CAE Python programming, Machine Learning, Deep Learning	August 2016 - Present
	MSc, Architectural Engineering Polytechnic University of Turin , Italy Final Grade: 110/110 Summa Cum Laude Study exchange: ENSA Paris-Belleville, Paris, France, 2014-2015	2013 - 2015
	Honors MA, Economics and Statistics Collegio Carlo Alberto , Italy Dissertation: <i>Bayesian Hierarchical Blockmodels for Social Network Analysis</i>	2009 - 2016
	Honors MSc, Innovation and Technology Alta Scuola Politecnica , Polytechnic University of Turin and Milan, Italy Final project: <i>A multicriteria analytic tool to assess reuse scenarios of Valle d'Aosta historic castles</i>	2013 - 2015
	BSc, Architecture Polytechnic University of Turin , Italy Final grade: 110/110 Summa Cum Laude	2010 - 2013
WORK EXPERIENCE	Procore Technologies , Santa Barbara, CA <i>Quantitative UX Research Intern</i> Data processing, statistical analysis of user data, recommender systems, computational image processing (iPython, numpy, scipy, openCV)	May 2017 - August 2017
	Carnegie Mellon University , Pittsburgh, PA <i>Research Assistant, Computational Design</i> Research and curatorial assistantship for the exhibition "Designing the Computational Image", Miller Gallery, 2017 Supervisor: Daniel Cardoso Llach, PhD	May 2017 - October 2017
SELECTED PROJECTS	A new metric for the evaluation of spatial quality from architectural floor plans Master's Thesis in Computational Design	2017-2018
	A CNN approach to image segmentation of architectural drawings Final project (team) in 10-707 Deep Learning. Instructor: Russ Salakhutdinov	Fall 2017
	HP-Intel NASA Design Challenge "Life in Space" A self-sustained, purely mechanical exoskeleton to help astronauts fight muscle atrophy in space. The team won the first prize. CMU supervisor: Diane Turnshek	Spring 2017
	The Harmonograph A python program simulating the motion of a double-pendulum drawing machine. Final project in 15-112 Fundamentals of Computer Science and Programming. Instructor: David Kosbie	Fall 2016
	Second prize over more than 400 projects in a competition sponsored by Applied Predictive Technologies.	
	Solar Decathlon Europe 2014 Project Architect for the official Polytechnic University of Turin team	2013
TECHNICAL SKILLS	AutoCAD, Revit, 3DSMax, Inventor, Adobe Creative Suite, Python (iPython, Numpy, TensorFlow), Matlab, LaTeX	
AWARDS and SCHOLARSHIPS	<i>Fulbright Scholarship</i> U.S. Department of State	2016 - 2017
	<i>Merit Scholarship</i> , Collegio Carlo Alberto	2009 - 2016
	<i>Merit Scholarship</i> , Alta Scuola Politecnica	2013 - 2015
	<i>Erasmus+</i> , European Union	2014 - 2015
	<i>Merit Award for Excellence in High School</i> , MIUR	2009
LANGUAGES	<i>Awards in several Mathematics competitions</i> , Liceo Classico "V. Gioberti"	2004-2009
	<i>Italian</i> , mothertongue	
	<i>English</i> , advanced	
	<i>French</i> , advanced	