

RELEVANT COURSES

EDUCATION

Python programming Human-Machine Interaction in Design Machine Learning Parametric Modeling CAD/CAE modeling	<u>CARNEGIE MELLON UNIVERSITY</u> USA 2016 - current graduation expected in May 2018	Master of Science in Computational Design, Fulbright Scholar  <i>Research-based graduate program with strenghts in computer science for design, design theory, digital and robotic fabrication and virtual environments</i>
	<u>POLITECNICO DI TORINO</u> ENSA PARIS-BELLEVILLE Italy, France 2010 - 2015	Master of Science in Architecture, Highest honors Bachelor of Architecture  <i>Honors student. Selected for the European Scholarship Erasmus+ to study abroad in Paris at École Nationale Supérieure d'Architecture Paris-Belleville, 2014-2015</i>
	<u>COLLEGIO CARLO ALBERTO</u> Italy 2010 - 2016	Master of Arts in Economics and Statistics, honors degree  <i>Honors program for outstanding undergraduate and graduate students at Politecnico di Torino and Università di Torino. Focus on theoretical economic models and Bayesian statistics</i>
Architectural design History and theory of Architecture Graphic design Management of Innovation		
Microeconomics Macroeconomics Game Theory Statistics		

SKILLS

WORK AND SELECTED PROJECTS

AWARDS AND SCHOLARSHIPS

Python programming Adobe Premiere Pro	<u>THE HARMONOGRAPH</u> 2016 - 3 weeks  <i>A digital harmonograph entirely coded on Python and Tkinter. The project won the 2nd prize in a University competition sponsored by APT - Applied Predictive Technologies.</i> <a href="https://www.youtube.com/watch?v=zxg7O8dWBHk">https://www.youtube.com/watch?v=zxg7O8dWBHk</a>	2016 FULBRIGHT SCHOLARSHIP  <i>2016-2017 Italian Fulbright Scholar at Carnegie Mellon University</i>
Museography History of Architecture French culture and language Adobe InDesign Adobe Photoshop	<u>THE HOTEL BIRON IN PARIS</u> 2015 - 6 months  <i>Master thesis developed as a researcher at the Rodin Museum in Paris. History of the aristocratic Parisian mansion where Rodin spent his last years and that became a museum at the beginning of the XXth century. Honors thesis. Article published on Giornale dell'Architettura.</i> <a href="https://tinyurl.com/gunnou5">https://tinyurl.com/gunnou5</a>	2010-2016 COLLEGIO CARLO ALBERTO  <i>Honors scholarship covering tuition and fees during all my undergraduate and graduate studies in Italy</i>
Team work Interdisciplinary mediation Scientific communication Autodesk Autocad Autodesk 3DSMax	<u>SOLAR DECATHLON EUROPE</u> 2013 - 5 months  <i>Member of the official Politecnico di Torino team competing in an international challenge to design a Zero Energy House. Project Architect.</i> <a href="https://www.youtube.com/watch?v=zlFIATDQB8k">https://www.youtube.com/watch?v=zlFIATDQB8k</a>	2013-2015 ALTA SCUOLA POLITECNICA  <i>Honors scholarship covering tuition and fees for the MSc in Architecture, honors program and double degree with Politecnico di Milano</i>
Fashion design Digital fabrication Textiles Adobe Illustrator	<u>IED FASHION DESIGN</u> 2012 - 3 months  <i>One-year specialization program in Fashion Design. Spring-Summer collection inspired by the contraposition of rational and irrational. From concept design to prototyping of one piece from the collection.</i>	2014-2015 ERASMUS +  <i>European Union scholarship to fund one year abroad in Paris at the École Nationale Supérieure d'Architecture de Paris-Belleville. Research funds to prepare MSc thesis at the Rodin Museum in Paris</i>
Management of cultural events	<u>CONSERVATORIO DI TORINO</u> 2010-2012  <i>Concert Hall hostess and assistant</i>	

OTHER SKILLS  
Classical Ballet

INTERESTS  
Digital technologies  
Contemporary visual culture  
Classical music

LANGUAGES  
Italian - mothertongue  
French - advanced  
English - advanced (TOEFL 116/120)  
  
GRE  
Verbal - 164, Quantitative - 162

PERSONAL WEBSITE  
<http://ceciliaferrando.wixsite.com/designportfolio/>