

Davide Locatelli

CONTACT	Email: davide.locatelli@upc.edu Phone: (+34) 623 345 607	Web: davidelct.github.io Code: github.com/davidelct
INTERESTS	Interactive machine learning, natural language processing, computational linguistics	
EDUCATION	<p>Pompeu Fabra University, Barcelona, Spain — Sep 2021 - present M. Res. Intelligent Interactive Systems. Graduation date: July 2022. Consolidating machine learning knowledge and skill set by taking part in applied research projects. Thesis: <i>Probing for Compositional Language in Emergent Communication</i>.</p> <p>Imperial College, London, England — Oct 2019 - Oct 2020 M.S. Computer Science. Graduated with <i>Distinction</i> (4.0 GPA). Strengthened programming abilities and applied knowledge of philosophy of language to NLP tasks. Thesis: <i>Measuring Compositional Generalization in Modular Neural Networks</i>.</p> <p>University College, London, England — Oct 2016 - Jun 2019 B.A. Philosophy. Graduated with <i>First Class Honors</i> (4.0 GPA). Gained expertise in philosophy of language, philosophy of mathematics and formal logic. Thesis: <i>Formalizing Belief Bias with Sub-classical Non-Monotonic Logic</i>.</p>	
EXPERIENCE	<p>Junior Researcher, Polytechnic University of Catalonia — Nov 2021 - present Developing interactive learning algorithms for NLP tasks as part of the INTERACT research group. Currently working towards the development of new data-efficient architectures in Semantic Parsing.</p> <p>Graduate Teaching Assistant, Pompeu Fabra University — Jan 2021 - Jun 2021 Taught C programming to 30+ undergraduate students as part of the Operating Systems course.</p> <p>Software Engineer Consultant, Recycleye — Nov 2020 - Feb 2021 Developed and improved a web application for automated data analysis of object detection datasets:</p> <ul style="list-style-type: none">• Significantly improved the time efficiency by streamlining the back-end processes• Added several useful visualization functionalities for quicker data analysis• Redesigned the user interface for a smoother and more intuitive experience	
HONORS & AWARDS	<p>University College London</p> <ul style="list-style-type: none">• Two letters of commendation for outstanding academic performance• Sports Colours Award as member of the rowing team• Added to the Roll of Honour as Coxswain Captain of the rowing team	
ADDITIONAL EDUCATION	<p>Oxford Machine Learning Summer School — Jul 2021 Broadened understanding of machine learning applications in healthcare and climate action.</p> <p>Lisbon Machine Learning Summer School — Aug 2021 Mastered NLP and Computation Linguistics with Lectures & Lab sessions.</p>	
SKILLS	Adept in C++, Python (incl. Pytorch, NumPy, Pandas, Scikit-Learn, Matplotlib), MATLAB, R Native English and Italian speaker, proficient in German, currently learning Spanish and Catalan.	