

# Davide Locatelli

CONTACT	Email: <a href="mailto:davide.locatelli@upc.edu">davide.locatelli@upc.edu</a> Phone: (206) 574-8597	Web: <a href="http://davidelct.github.io">davidelct.github.io</a> Code: <a href="https://github.com/davidelct">github.com/davidelct</a>
INTERESTS	Interactive machine learning, NLP, semantic parsing, computational linguistics	
EDUCATION	<p><b>Pompeu Fabra University</b>, Barcelona, Spain — Sep 2021 - present M. Res. Intelligent Interactive Systems. Graduation date: late July 2022 Consolidating machine learning knowldge and skill set by taking part in applied research projects. Thesis: <i>Linguistic Emergence in Deep Neural Networks</i>. Advisors: Marco Baroni &amp; Roberto Dessi.</p> <p><b>Imperial College</b>, London, England — Oct 2019 - Oct 2020 M.S. Computer Science. Graduated with <i>Distinction</i> (4.0 GPA UK equivalent) Strengthened programming abilities and applied knowldge of philosophy of language to NLP tasks. Thesis: <i>Measuring Compositional Generalization in Modular Neural Networks</i>. Advisors: Pranava Madhyastha &amp; Josiah Wang.</p> <p><b>University College</b>, London, England — Oct 2016 - Jun 2019 B.A. Philosophy. Graduated with <i>First Class Honors</i> (4.0 GPA UK equivalent) Gained expertise in philosophy of language, philosophy of mathematics and formal logic. Thesis: <i>Formalizing Belief Bias with Sub-classical Non-Monotonic Logic</i>. Advisor: James Wilson.</p>	
EXPERIENCE	<p><b>Junior Researcher</b>, Polytechnic University of Catalonia — Nov 2021 - present Developing interactive learning algorithms for NLP tasks as part of the INTERACT research group. Currently working toward the development of new data-efficient architectures in Semantic Parsing.</p> <p><b>Graduate Teaching Assistant</b>, Pompeu Fabra University — Jan 2021 - Jun 2021 Taught C programming to 30+ undergraduate students as part of the Operating Systems course. Received positive feedback from students in final survey and renewed the position for next year.</p> <p><b>Software Engineer Consultant</b>, 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"><li>• Significantly improved the time efficiency by streamlining the back-end processes</li><li>• Added several useful visualization functionalities for quicker data analysis</li><li>• Redesigned the user interface for a smoother and more intuitive experience</li></ul>	
HONORS & AWARDS	<p><b>Imperial College London</b></p> <ul style="list-style-type: none"><li>• Received the Distinguished Individual Project Award for Master Thesis</li></ul> <p><b>University College London</b></p> <ul style="list-style-type: none"><li>• Two letters of commendation from head of dept for outstanding academic performance</li><li>• Awarded the Sports Colours Award as a senior member of the rowing team</li><li>• Added to the Roll of Honour as Coxswain Captain of the rowing team</li></ul>	
ADDITIONAL EDUCATION	<p><b>Oxford Machine Learning Summer School</b> — Jul 2021 Broadened understanding of machine learning applications in healthcare and climate action.</p> <p><b>Lisbon Machine Learning Summer School</b> — Aug 2021 Mastered NLP and Computational Linguistics with Lectures &amp; 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.	