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SUMMARY I'm currently pursuing a PhD degree at the University of Edinburgh, UK. My research focuses on Natural Language Processing, the field of Artificial Intelligence that deals with natural languages. In particular, I'm working on software algorithms to extract the underlying meaning of sentences (Natural Language Understanding) and generating new sentences given the intended meaning (Natural Language Generation). For this purpose, I am studying a meaning representation framework called Abstract Meaning Representation (AMR).

EDUCATION **University of Edinburgh**
Old College, South Bridge, Edinburgh EH8 9YL, United Kingdom
PhD in Natural Language Processing 01/09/2015 –
 Supervised by Shay Cohen
 Teaching assistant for Natural Language Understanding (2018), Topics in NLP (2017), Advanced NLP (2016/2017), Informatics 2A (2015)
 Member of the Edina team at the Amazon Alexa Prize 2016/2017

Instituto Superior Técnico, Portugal
Av. Rovisco Pais 1, 1049-001 Lisboa, Portugal
Lisbon Machine Learning School 21/07/2016 – 28/07/2016

University of Edinburgh
Old College, South Bridge, Edinburgh EH8 9YL, United Kingdom
Artificial Intelligence MSc - Distinction 08/09/2014 – 31/08/2015
 Dissertation: "Machine Translation with Coarse Lexical Semantics"

Norwegian University of Science and Technology, Norway
Hogskoleringen 1, 7491 Trondheim, Norway
Erasmus exchange program 05/01/2012 - 14/06/2012
 Courses: Compilers, Web Intelligence, Natural Language Interfaces, Requirements and Testing.

University of Genoa, Italy
Via Balbi, 5, 16126 Genova GE, Italy
BSc and MSc in Information Engineering (107/110) 09/2008 – 06/2014
 Dissertation: "COOPERA: a Cost-effective Open-source Platform for Empirical AI and Robotics"

WORKING EXPERIENCE **Amazon Lab126**
1100 Enterprise Way, Sunnyvale, California, United States
Applied Scientist Intern 11/06/2018 - 14/09/2018
 Machine Learning for Natural Language Understanding and Conversational Agents

Facebook, London
10 Brock Street, London NW1 3FG, United Kingdom
Software Engineer Intern 25/06/2017 - 16/9/2017
 Machine Learning for Ads Ranking

University of Genoa, Italy
Via Balbi, 5, 16126 Genova GE, Italy

Research Collaborator

06/06/2014 - 05/09/2014

Reinforcement Learning applied to Robotics

PUBLICATIONS	<ul style="list-style-type: none">[1] Marco Damonte and Shay B Cohen. Cross-lingual abstract meaning representation parsing. <i>To appear at NAACL</i>, 2018.[2] Marco Damonte and Shay B Cohen. Structural neural encoders for AMR-to-text generation. In <i>Proceedings of NAACL</i>, 2019.[3] Marco Damonte, Shay B Cohen, and Giorgio Satta. An incremental parser for abstract meaning representation. <i>Proceedings of EACL</i>, 2017.[4] Marco Damonte, Rahul Goel, and Tagyoung Chung. Practical semantic parsing for spoken language understanding. In <i>Proceedings of NAACL</i>, 2019.[5] Fuad Issa, Marco Damonte, Shay B. Cohen, Xiaohui Yan, and Yi Chang. Abstract meaning representation for paraphrase detection. In <i>To appear at NAACL</i>, 2018.[6] Ben Krause, Marco Damonte, Mihai Dobre, Daniel Duma, Joachim Fainberg, Federico Fancellu, Emmanuel Kahembwe, Jianpeng Cheng, and Bonnie Webber. Edina: Building an open domain socialbot with self-dialogues. <i>arXiv preprint arXiv:1709.09816</i>, 2017.[7] Renars Liepins, Ulrich Germann, Guntis Barzdins, Alexandra Birch, Steve Renals, Susanne Weber, Peggy van der Kreeft, Herve Bourlard, João Prieto, Ondrej Klejch, et al. The summa platform prototype. In <i>Proceedings of EACL</i>, 2017.
SCHOLARSHIPS	UK/EU Master’s Scholarship for the academic session 2014/2015 (University of Edinburgh) Sponsored participation to Amazon Alexa Prize 2016/2017 PhD research supported by a grant from Bloomberg and by the H2020 project SUMMA
PEER REVIEWING	NAACL 2018 ACL 2018 3rd Workshop on Representation Learning for NLP (RepL4NLP 2018) ACL 2019
TOOLS	Toolkits: PyTorch, Torch, OpenNMT, CoreNLP, Spacy, Moses, HTK, Festival, NLTK, Wordnet. Programming languages: Python, Java, C++, C, Clojure, PHP, JavaScript, Matlab, R.