Fifth Workshop on Teaching NLP 2021

Held online due to COVID-19

Mexico City, Mexico 10-11 June 2021

ISBN: 978-1-7138-3031-3

Printed from e-media with permission by:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Printed with permission by Curran Associates, Inc. (2021)

For permission requests, please contact the Association for Computational Linguistics at the address below.

Association for Computational Linguistics 209 N. Eighth Street Stroudsburg, Pennsylvania 18360

Phone: 1-570-476-8006 Fax: 1-570-476-0860

acl@aclweb.org

Additional copies of this publication are available from:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571 USA Phone: 845-758-0400

Fax: 845-758-2633

Email: curran@proceedings.com Web: www.proceedings.com

Table of Contents

Rajkumar Saini, György Kovács, Mohamadreza Faridghasemnia, Hamam Mokayed, Oluwatosin Adewumi, Pedro Alonso, Sumit Rakesh and Marcus Liwicki
Teaching a Massive Open Online Course on Natural Language Processing Ekaterina Artemova, Murat Apishev, Denis Kirianov, Veronica Sarkisyan, Sergey Aksenov and Oleg Serikov
Natural Language Processing 4 All (NLP4All): A New Online Platform for Teaching and Learning NLP Concepts Rebekah Baglini and Hermes Hjorth
A New Broad NLP Training from Speech to Knowledge Maxime Amblard and Miguel Couceiro
Applied Language Technology: NLP for the Humanities Tuomo Hiippala
A Crash Course on Ethics for Natural Language Processing Annemarie Friedrich and Torsten Zesch
A dissemination workshop for introducing young Italian students to NLP Lucio Messina, Lucia Busso, Claudia Roberta Combei, Alessio Miaschi, Ludovica Pannitto, Gabriele Sarti and Malvina Nissim
MiniVQA - A resource to build your tailored VQA competition Jean-Benoit Delbrouck
From back to the roots into the gated woods: Deep learning for NLP Barbara Plank
Learning PyTorch Through A Neural Dependency Parsing Exercise David Jurgens
A Balanced and Broadly Targeted Computational Linguistics Curriculum Emma Manning, Nathan Schneider and Amir Zeldes
Gaining Experience with Structured Data: Using the Resources of Dialog State Tracking Challenge 2 Ronnie Smith
The Flipped Classroom model for teaching Conditional Random Fields in an NLP course Manex Agirrezabal
Flamingos and Hedgehogs in the Croquet-Ground: Teaching Evaluation of NLP Systems for Undergraduate Students Brielen Madureira
An Immersive Computational Text Analysis Course for Non-Computer Science Students at Barnard College Adam Poliak and Jalisha Jenifer

Introducing Information Retrieval for Biomedical Informatics Students
Sanya Taneja, Richard Boyce, William Reynolds and Denis Newman-Griffis96
Contemporary NLP Modeling in Six Comprehensive Programming Assignments
Greg Durrett, Jifan Chen, Shrey Desai, Tanya Goyal, Lucas Kabela, Yasumasa Onoe and Jiacheng Xu99
Interactive Assignments for Teaching Structured Neural NLP
David Gaddy, Daniel Fried, Nikita Kitaev, Mitchell Stern, Rodolfo Corona, John DeNero and Dan Klein
Learning about Word Vector Representations and Deep Learning through Implementing Word2vec David Jurgens
Naive Bayes versus BERT: Jupyter notebook assignments for an introductory NLP course
Jennifer Foster and Joachim Wagner
Natural Language Processing for Computer Scientists and Data Scientists at a Large State University Casey Kennington
On Writing a Textbook on Natural Language Processing
Jacob Eisenstein
Learning How To Learn NLP: Developing Introductory Concepts Through Scaffolded Discovery Alexandra Schofield, Richard Wicentowski and Julie Medero
The Online Pivot: Lessons Learned from Teaching a Text and Data Mining Course in Lockdown, Enhancing online Teaching with Pair Programming and Digital Badges
Beatrice Alex, Clare Llewellyn, Pawel Orzechowski and Maria Boutchkova
Teaching NLP outside Linguistics and Computer Science classrooms: Some challenges and some opportunities
Sowmya Vajjala
Teaching NLP with Bracelets and Restaurant Menus: An Interactive Workshop for Italian Students Ludovica Pannitto, Lucia Busso, Claudia Roberta Combei, Lucio Messina, Alessio Miaschi, Gabriele Sarti and Malvina Nissim