Jeremy Barnes

Universitat Pompeu Fabra
Computational Linguistics Group (GLiCom)
Roc Boronat 138
Barcelona, Spain, 08018

jeremy.barnes@upf.edu
https://www.upf.edu/web/glicom
Personal site: https://jbarnesspain.github.io

Professional Experience

University of Oslo
Postdoctoral Researcher - Language Technology Group
2018 - current

Universitat Pompeu Fabra
Ph.D., Computational Linguistics
2015 - 2018

Universitat Pompeu Fabra
M.A., Linguistics
2014 - 2015

University of Stuttgart
Research Stay
April 2017 - April 2018

University of Houston
B.A., Linguistics
2001 - 2007

Dissertation

"Cross-lingual Sentiment Analysis for Under-resourced Languages"
I explored techniques which require a minimal amount of parallel data to perform sentiment analysis in a resource-poor target language using only annotated sentiment data in a resource-rich language. I performed experiments at several levels of granularity, achieving state-of-the-art results on several tasks and also showed that the techniques developed could be used for domain adaptation.

Publications	**Bilingual Sentiment Embeddings:** **Joint Projection of Sentiment Across Languages.** Jeremy Barnes, Roman Klinger, and Sabine Schulte im Walde. ACL 2018. **Projecting Embeddings for Domain Adaption:** **Joint Modeling of Sentiment Analysis in Diverse Domains** Jeremy Barnes, Roman Klinger, and Sabine Schulte im Walde. COLING 2018. **MultiBooked: A Corpus of Basque and Catalan Hotel Reviews** **Annotated for Aspect-level Sentiment Classification.** Jeremy Barnes, Patrik Lambert, and Toni Badia. LREC 2018. **Assessing State-of-the-art Sentiment Models** **on State-of-the-art Sentiment Datasets.** Hendrik Schuff, Jeremy Barnes, Julian Mohme, Sebastian Padó, and Roman Klinger. WASSA 2017. **Annotation, Modelling and Analysis of Fine-grained** **Emotions on a Stance and Sentiment Detection Corpus.** Jeremy Barnes, Roman Klinger, and Sabine Schulte im Walde. WASSA 2017. **Exploring Distributional Representations and Machine Translation** **for Aspect-based Cross-lingual Sentiment Classification.** Jeremy Barnes, Patrik Lambert, and Toni Badia. COLING 2016.
Research	**LTG, University of Oslo** Postdoctoral Researcher Project: SANT Project: Sentiment Analysis for Norwegian Text **GLiCom, Universitat Pompeu Fabra** Predoctoral Research Associate Project: Cross-lingual Sentiment Analysis for Under-resourced Languages **Institut für Maschinelle Sprachverarbeitung (IMS), University of Stuttgart** Collaborative Research Fellow Project: Incremental Specification in Context (SFB 732)

Teaching	**Translation and Language Science Dept., Universitat Pompeu Fabra** T.A., Information Technology, 2015-2018 T.A., Translation Technologies, 2017 T.A., Language and Technology: Case Studies, 2015-2017 **Center for Language and Computation, University of Barcelona** Invited Lecturer, Sentiment Analysis for Big Data, 2018 **IMS, University of Stuttgart** T.A., Affective Computing and Emotion Analysis, 2017
Awards and Fellowships	**SGR-DTCL Predoctoral Scholarship** Universitat Pompeu Fabra, 2015-2019 **SFB Collaborative Research Grant** IMS, University of Stuttgart, 2017-2018 **DAAD Leipzig/Houston Scholarship** University of Leipzig, 2005-2006 **Academic Merit Scholarship** University of Houston, 2001-2006
Languages	English (native), Spanish (fluent), Catalan (fluent), Basque (fluent), German (advanced), Italian (intermediate)
Skills	Linux, Windows, Python, Java, NLTK, Freeling, Stanford CoreNLP, IXA pipes, Pytorch, Tensorflow, Theano, Keras, Sklearn, Numpy, Matplolib, Moses, OpenNMT

References

Toni Badia
Thesis Supervisor
Computational Linguistics Group
Universitat Pompeu Fabra
toni.badia@upf.edu
+34 93 542 2414

Roman Klinger
Research Stay Supervisor
IMS
University of Stuttgart
roman.klinger@ims.uni-stuttgart.de
+49 711 685 81406

Sabine Schulte im Walde
Research Stay Supervisor
IMS
University of Stuttgart
schulte@ims.uni-stuttgart.de
+49 711 685 84584