

Jeremy Barnes

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Education **Universitat Pompeu Fabra**
Ph.D., Computational Linguistics, 2018.
Fields: Cross-lingual Sentiment Analysis
M.A., Linguistics, 2015.

University of Stuttgart
Research Stay, 2017-2018.

University of Houston
B.A., Linguistics, 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.
Accepted to ACL 2018.

Projecting Embeddings Across Domains
Jeremy Barnes, Roman Klinger, and Sabine Schulte im Walde.
Accepted to 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 **GLiCom, Universitat Pompeu Fabra**

Predocutorial 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 Predocutorial 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, Matplotlib,
Moses, OpenNMT

References Toni Badia Roman Klinger
Thesis Supervisor Research Stay Supervisor
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