

# Stefanos Angelidis

## Work Experience

Jun '19 – Present **Postdoctoral Research Fellow**,  
*Institute for Language, Cognition and Computation*,  
University of Edinburgh.

Collaborators Mirella Lapata, Megagon Labs

Oct '18 – Apr '19 **Applied Scientist Intern**,  
*Amazon CoreAI, Barcelona*.

Project Book Question Answering.  
Supervisor Lluís Màrquez

## Education

May '14 – Apr '19 **PhD in Informatics**,  
*Institute for Language, Cognition and Computation*,  
University of Edinburgh.

Thesis Weakly Supervised Sentiment Analysis and Opinion Extraction.  
Supervisors Mirella Lapata, Charles Sutton

Sep '12 – Aug '13 **MSc with Distinction in Artificial Intelligence**,  
University of Edinburgh.

Thesis Learning to Segment Web-Pages Using Repeat Analysis.  
Supervisor Victor Lavrenko

Sep '05 – Jul '12 **BSc in Informatics and Telecommunications**, (2:1 honours),  
National and Kapodistrian University of Athens.

Thesis Collaborative Filtering and Categorization of E-Mails via Classifier Sharing.  
Supervisor Panagiotis Stamatopoulos

## Selected Publications

Journal Papers Stefanos Angelidis, Reinald Kim Amplayo, Yoshihiko Suhara, Xiaolan Wang, Mirella Lapata.  
"Extractive Opinion Summarization in Quantized Transformer Spaces". *In Transactions of the Association for Computational Linguistics*, To appear in Vol 9 (2021).

Stefanos Angelidis, Mirella Lapata. "Multiple Instance Learning Networks for Fine-grained Sentiment Analysis". *In Transactions of the Association for Computational Linguistics*, Vol 6 (2018).

Conference Papers Reinald Kim Amplayo, Stefanos Angelidis, Mirella Lapata, "Unsupervised Opinion Summarization with Content Planning". *To appear in AAAI 2021*.

Yoshihiko Suhara, Xiaolan Wang, Stefanos Angelidis, Wang-Chiew Tan. "OpinionDigest: A Simple Framework for Opinion Summarization". *ACL 2020*.

Stefanos Angelidis, Mirella Lapata. "Summarizing Opinions: Aspect Extraction Meets Sentiment Prediction and They Are Both Weakly Supervised". *EMNLP 2018*.

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## Research Interests

- Deep Learning for Natural Language Understanding and Generation.
- Text Summarization, Opinion Mining, Question Answering.
- Unsupervised and Weakly Supervised Learning.
- Information Retrieval and Extraction.

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## Coding Skills

Programming	Python, C/C++, Lua, Java, Shell scripting (bash), Matlab
Neural Networks	PyTorch, TensorFlow, torch7 (lua)
Web Technologies	HTML, CSS, JQuery, CGI

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## Teaching Experience

**University Teacher**, *University of Edinburgh*

2020 Doing Research in Natural Language Processing

**Teaching Assistant**, *University of Edinburgh*

2017 Natural Language Understanding

2014–15 Data Mining and Exploration

2014 Probabilistic Modelling and Reasoning

**Tutor / Demonstrator**, *University of Edinburgh*

2017 Accelerated Natural Language Processing

2014–16 Introductory Applied Machine Learning

2014–15 Data Mining and Exploration

2014 Informatics Research Proposal

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## Peer Reviewing

2021 ACL

2020 ACL, NAACL, EMNLP, Transaction of the Web

2019 ACL, NAACL, EMNLP, CoNLL

2018 EMNLP, CoNLL

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## Further Interests

- Curious about everything science. Trying my best to lead a climate-friendly lifestyle.
- Vinyl collector, bedroom DJ, amateur sound engineer.
- Fermentation enthusiast.

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## References

- Mirella Lapata, *Professor*, University of Edinburgh mlap@inf.ed.ac.uk
- Lluís Màrquez, *Principal Applied Scientist*, Amazon lluismv@amazon.com
- Victor Lavrenko, *Technical Lead*, Human Longevity, Inc. v.lavrenko@gmail.com  
*Lecturer*, University of Edinburgh (2008–15)