

Zagreb, Croatia

## MARTIN TUTEK

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### EDUCATION

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**Zagreb, Croatia**                      **Faculty of Electrical Engineering and Computing,**                      **Apr 2016 – Present**  
**University of Zagreb**

- *PhD student* in Machine Learning
- Visiting researcher at University of Mannheim, Data and Web Science Group, Autumn 2018
- Received *MSc* (Jul 2014) and *BSc* (Jul 2012) in Computer Science
- *Erasmus* at *Universidad Politécnica de Madrid*, Autumn 2013

### WORK EXPERIENCE

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**Research Assistant**                      **TakeLab, Faculty of Electrical Engineering and**                      **Feb 2016 - Present**  
**Computing, University of Zagreb**

- Teaching - **Artificial Intelligence** (Spring 16, 17, 18), **Deep Learning** (Autumn 16, 17, Spring 18), **Text Analysis and Retrieval** (Spring 17, 18)

**Consultant**                      **European Commission, Joint Research Centre**                      **May 2015 – Aug 2015**

**Trainee**                      **European Commission, Joint Research Centre**                      **Sep 2014 – Feb 2015**

- Text analysis and retrieval in scientific and technical corpora used to update the "*Sendai Framework for Disaster Risk Reduction*" terminology
- Credited in UNISDR STAG report for 2015 "*Science is used for Disaster Risk Reduction*"

### SELECTED PUBLICATIONS

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- **Tutek, M.** & Šnajder, J. (2018). Iterative Recursive Attention Model for Interpretable Sequence Classification. In Proceedings of the 2018 EMNLP Workshop: Analyzing and interpreting neural networks for NLP.
- di Buono, M. P., Šnajder, J., Basic, B. D., Glavaš, G., **Tutek, M.**, & Milic-Frayling, N. (2017). *Predicting News Values from Headline Text and Emotions*. In Proceedings of the 2017 EMNLP Workshop: Natural Language Processing meets Journalism (pp. 1-6).
- **Tutek, M.**, Glavas, G., Šnajder, J., Milić-Frayling, N., & Dalbelo Basic, B. (2016, October). *Detecting and Ranking Conceptual Links between Texts Using a Knowledge Base*. In Proceedings of the 25th ACM International on Conference on Information and Knowledge Management (pp. 2077-2080).
- **Tutek, M.**, Sekulic, I., Gombar, P., Paljak, I., Culinovic, F., Boltuzic, F., ... & Šnajder, J. (2016). Takelab at semeval-2016 task 6: stance classification in tweets using a genetic algorithm based ensemble. In Proceedings of the 10th International Workshop on Semantic Evaluation (SemEval-2016) (pp. 464-468).

### ADDITIONAL EXPERIENCE, AWARDS AND CERTIFICATES

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- **Held practical sessions** in two editions of the Intl' Summer School of Data Science in Split - *Random Forests and Gradient Boosting* (2016) and *Generative Adversarial Networks* (2017);
- **Cambridge English CPE (2009) and CAE (2008) certificates.**

### TECHNICAL SKILLS AND INTERESTS

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- **Programming languages:** Python; Java; C++; Processing; Julia.
- **Interest areas:** Representation Learning, Transfer Learning, Natural Language Processing.
- **Specific interests:** Semantic compositionality in NLP, differences between fully attentional and recurrent models, applications of reinforcement learning.