

Bruno Gavranović

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Education

Faculty of Electrical Engineering and Computing, University of Zagreb

Zagreb, Croatia

MASTER STUDIES, COMPUTER SCIENCE

2016. - present

UNDERGRADUATE STUDIES, COMPUTER SCIENCE

2013. - 2016.

ETS Ingenieros Informáticos, Universidad Politécnica de Madrid

Madrid, Spain

MASTER STUDIES, ARTIFICIAL INTELLIGENCE

Sept. 2016 - Feb. 2017

- Semester abroad as a part of student exchange

Projects & experience

Differentiable Neural Computer

Zagreb, Croatia

SEMINAR PROJECT - ONGOING

Feb. 2017. - present

- Implementation of DeepMind's recent paper in Nature
- Augmentation of standard neural networks with memory, enabling more abstract information processing

Deep Learning for Sentiment Analysis

Zagreb, Croatia

BACHELOR THESIS

Feb. 2016. - July 2016.

- Trained deep LSTM networks on the task of sentiment classification
- Utilized advanced visualization methods to demystify deep neural network information processing

Emoscope

Zagreb, Croatia

LEADER OF A TAKELAB STUDENT TEAM

Sept. 2015. - Jan. 2016.

- Systematic large scale analysis of perception of events and people from the perspective of society
- Classification of emotions from raw text using Natural Language Processing and Machine Learning (SVM)
- Interactive visualization of assigned entity emotions and their mutual relationships

TakeLab (Text Analysis and Knowledge Engineering Lab)

Zagreb, Croatia

TAKELAB STUDENT

Sept. 2015 - present

- Research laboratory specializing in Natural Language Processing, Machine Learning and Text Analytics
- Completed several projects as a part of the university curriculum

Additional education, awards & recognition

2013. **Winner**, National award "Oscar of Knowledge"

Zagreb, Croatia

2012. **1st place**, National Astronomy Competition

Rovinj, Croatia

2012. **Honorable mention**, 6th International Olympiad on Astronomy and Astrophysics

Rio de Janeiro, Brazil

2010. - 2017. **Participant**, Various summer schools on Machine learning, programming and physics

Knowledge & Abilities

TECHNICAL SKILLS

- **Intermediate:** Python
- **Basic:** C/C++, Matlab, Java, \LaTeX
- **Other:** linux, vim, git, tensorflow

LANGUAGES

- **English:** Full professional proficiency (C1.1)
- **Spanish:** Intermediate proficiency (B1)
- **Croatian:** Native proficiency

Interests & Activities

Interests Mathematics, Deep & machine & curriculum learning, Computer science, Physics

Hobbies Piano, Guitar, Table Tennis, Travel

Extra Member of BEST (Board of European Students of Technology)
Member of the winning team in the Red Bull Gravity Challenge

Zagreb, 2015.