

WORK EXPERIENCE

HITS – Heidelberg Institute for Theoretical Studies

Research Associate

Oct 2018 – present

- Research is a continuation of the master thesis – language analysis of authors with bipolar disorder on Reddit.

ReversingLabs, Croatia

Data Analyst

Sep 2017 – Aug 2018

- Intern in Data Quality / Program Management team, ensuring consistency and cleanliness of large and diverse datasets.

TakeLab – Text Analysis and Knowledge Engineering Lab, Croatia

Student Project Associate

Jun 2016 – Oct 2017

- Improving customer experience through state-of-the-art natural language processing by predicting user's sentiment, emotions and actions.

Ericsson Nikola Tesla, Croatia

Summer Intern

Jul 2015 – Aug 2015

- Developed a proof-of-concept application that crawls the Web and extracts important information and relations between entities from downloaded articles.

PROJECTS

Not Just Depressed: Bipolar Disorder Prediction on Reddit

Ivan Sekulić, Matej Gjurković, and Jan Šnajder

2018

- Published in *Proceedings of the 9th Workshop on Computational Approaches to Subjectivity, Sentiment and Social Media Analysis*, pages 72–78

Deep Learning Models for Facebook Customer Experience Analysis

Faculty Project

Oct 2017 – Jan 2018

- Emphasis on multi-task learning to simultaneously predict labels for different tasks.

VERBCROCEAN: A Repository of Fine-Grained Semantic Verb Relations for Croatian

Ivan Sekulić and Jan Šnajder

2016

- Published in *Proceedings of the 10th edition of the Language Resources and Evaluation Conference*

Detecting Stance in Tweets

International Workshop on Semantic Evaluation (SemEval 2016)

Oct 2015 – Feb 2016

- Ranked 3rd out of 20 teams in the international competition of semantic analysis of text, working in group of 8.

CRONTROVERZA: Detecting Controversial Topics

Bachelor Project

Oct 2014 – Mar 2015

- Developed a system that analyzes Croatian news articles and determines their level of controversy. The whole project was written in Haskell, working in a group of 4.

EDUCATION

University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia

MSc in Computer Science

Sep 2015 – Jul 2018

- Thesis: *Models for Bipolar Disorder Prediction on Reddit*

- Thesis: *Extraction of Semantic Verb Relations from Croatian Corpora*

TECHNICAL SKILLS

Advanced	Python, Linux
Basic	C/C++, Git, Haskell, R, Java, L^AT_EX

OTHER SKILLS AND INTERESTS

Languages	Croatian (native), English (fluent), Polish (basic), German (basic)
Interests	Chess, Rugby