



# Martin Fajčík

## NLP Researcher

---

### Education

---

### Experience

---

#### Martin Fajčík

Božetěchova 2  
Brno, 61200  
Czech Republic

#### Telephone

+420 54114 1421

#### Email

ifajcik@fit.vut.cz

#### Web

<https://www.fit.vut.cz/person/ifajcik/.en>

<https://mfajcik.github.io/>

#### Google Scholar

<https://scholar.google.com/citations?user=KUU5fUUAAAAJ&hl=en&oi=sra>

#### GitHub

<https://github.com/MFajcik>

#### Linkedin

<https://www.linkedin.com/in/mfajcik/>

---

#### Brno University of Technology / Ph.D. Candidate

Since Sept 2017, BRNO, CZECHIA

Advisor: Pavel Smrž

Ph.D. thesis focusing on Question Answering

Topics: Natural Language Processing, Extractive Question Answering, Open-Domain Question Answering, Document Retrieval

#### Brno University of Technology / M.Sc. Intelligent Systems

Sept 2015 - June 2017, BRNO, CZECHIA

M.Sc. thesis focusing on the stochastic optimization applied in automated processor verification

#### Brno University of Technology / B.Sc. Information Technology

Sept 2012 - June 2015, BRNO, CZECHIA

B.Sc. thesis focusing on the development of static analysis and quick fix functionality for CodAL architecture description language

---

#### Codasip / Java/Python Developer

June 2015- Oct 2017 BRNO, CZECHIA

Development of Eclipse IDE plugins, CodAL language editor, python/bash scripts, simple javascript front-ends based on doT.js. Design of miscellaneous java API.

---

## Publications

---

Fajcik, M., Smrz, P. and Zachariasova, M., 2017, December. [Automation of Processor Verification Using Recurrent Neural Networks](#). In 2017 18th International Workshop on Microprocessor and SOC Test and Verification (MTV) (pp. 15-20). IEEE.

Fajcik, M., Smrz, P. and Burget, L., 2019, June. [BUT-FIT at SemEval-2019 Task 7: Determining the Rumour Stance with Pre-Trained Deep Bidirectional Transformers](#). In Proceedings of the 13th International Workshop on Semantic Evaluation (pp. 1097-1104).

---

## Projects

---

### **ROI Hunter – Automatic Extraction of Attributes from Product Feeds**

Since Aug 2018

Automatic product classification and detection of attributes from the product description. These are used to enhance product advertisements.

---

## Awards & Achievements

---

Deans Award for B.Sc. thesis 2015

RumourEval at SemEval-2019 - 2nd place 2019

---

## Skills & Misc

---

## Teaching

M.Sc. Courses

[Natural Language Processing](#) (ZPJa) (2019)

[Artificial Intelligence and Machine Learning](#) (SUI) (2019)

B.Sc. Courses

[Practical Aspects of Software Design](#) (IVS) (2017 - 2019)

[Scripting Languages](#) (ISJ) (2017 - 2019)

NLP lecture at Summer School [BISSIT19](#) (2019)

## Thesis supervision

Ksenia Bolshakova (B.Sc., ongoing)

Jozef Karabelly (B.Sc., ongoing)

Alžbeta Štajerová (B.Sc., 2019)

Tomáš Daniš (B.Sc., 2019)

Jan Kočí (B.Sc., 2019)

## Communication & Organization

I regularly organize reading groups on advanced machine learning/NLP papers at our university.

During the summers at the university (2013-2014), I worked at the Museum of Coins and Medals in my hometown, Kremnica, Slovak Republic. I have guided lots of local and foreign tourist groups and helped with the organization of special events at the museum.

## Hobbies

**Music** - I enjoy rock music and I am able to play on drums

**Sports** - I like hiking and basically any team sports