

Ondrej ŠKOPEK

PERSONAL DATA

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WORK EXPERIENCE

- JUN – SEP 2018 | **Software Engineering Intern** at GOOGLE, Zürich, Switzerland
Solving large-scale experimental Named Entity Recognition on an unlabeled enterprise dataset. Implemented a data conversion and processing pipeline, a state-of-the-art neural network model in TensorFlow with distributed training. Performed hyperparameter tuning and evaluation of the model.
- JUL – SEP 2017 | **Software Engineering Intern** at GOOGLE, Munich, Germany
Ported and simplified the Voice Search feature on the New Tab Page of Desktop [Chrome](#) into Chromium's codebase, which helped enhance code quality and long-term maintenance. See [Chromium's repository](#) for all my contributions.
- JUL – SEP 2016 | **Software Engineering Intern** at MICROSOFT, Oslo, Norway
Developed an internal engineering tool, which helped the team support upgrades of the Search module in SharePoint, in an effort to migrate towards Continuous Delivery.
- JUL – SEP 2015 | **Associate Software Engineer (Intern)** at RED HAT, Brno, Czech Republic
Added automatic statistical evaluation of [OptaPlanner's](#) Benchmarker results. Enables easier tuning of optimization algorithm parameters on practical combinatorial problems. See [OptaPlanner's repository](#) for all my contributions.

EDUCATION

- 2017 – 2019
(expected) | Graduate Degree (MSc) in COMPUTER SCIENCE
Department of Computer Science, ETH Zürich
SPECIALIZATION: *General Computer Science*, focus: *Information Systems*
GPA (1 to 6, higher is better, 4 is passing): 5.59 (as of 12.9.2018)
- 2014 – 2017 | Undergraduate Degree (BSc) in COMPUTER SCIENCE
Faculty of Mathematics and Physics, Charles University, Prague
SPECIALIZATION: *General Computer Science*, focus: *Computational Linguistics*
THESIS: [Planning for Transportation Problems](#) + [TransportEditor](#)
GPA (1 to 4, lower is better, 3 is passing): 1.36

RESEARCH PROJECTS

- FEB – OCT 2018
(expected) | **Generating cancerous features in mammograms using GANs**
Creating a model that will be able to sample from a probability distribution of cancerous mammography images. Enables smarter balancing of classes in datasets for learning better classifiers.
Worked in a small team supervised by [Prof. Ender Konukoglu](#) (ETH Zürich).

RESEARCH INTERESTS

Natural Language Processing, Machine Learning, Computer Vision, Planning & scheduling

SKILLS

Java (8+ years) Python (2+ years) TensorFlow (2+ years) C++ (1 year) Bash (5+ years)

LANGUAGES

ENGLISH: Full professional proficiency TOEFL: 120/120 (3. 3. 2017) GERMAN: Basic working proficiency High-school diploma (B2)