

Ondrej Skopek

PERSONAL DATA

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WORK EXPERIENCE

- NOV 2019 – now | **Software Engineer** at GOOGLE, Zürich, Switzerland
Developing new smart features for the [next-generation Google Assistant](#).
- FEB – JUL 2019 | **Teaching Assistant** at ETH ZÜRICH, Switzerland
Student teaching assistant for the [Natural Language Understanding](#) course organized by the [Data Analytics Laboratory](#). Responsible for preparing and teaching NLP/Machine Learning tutorials for more than 200 Master's students.
- 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 engineering tool, which helped the team support upgrades of the Search module in SharePoint, in an effort to migrate to 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 | Graduate Degree (MSc) in COMPUTER SCIENCE
Department of Computer Science, ETH Zürich
THESIS: [Mixed-curvature Variational Autoencoders](#)
GPA (1 to 6, higher is better, 4 is passing): 5.52
- 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

SKILLS

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

LANGUAGES

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