

# Ondrej ŠKOPEK

## PERSONAL DATA

---

ADDRESS: Neugutstrasse 24      EMAIL: [oskopek@oskopek.com](mailto:oskopek@oskopek.com)  
8102 Oberengstringen      WEBSITE: [oskopek.com](http://oskopek.com)  
Switzerland      LINKEDIN: [linkedin.com/in/oskopek](https://www.linkedin.com/in/oskopek)  
GITHUB: [github.com/oskopek](https://github.com/oskopek)

## WORK EXPERIENCE

---

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): 5.55 (as of 7.3.2018)

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 – SEP 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, Computer Vision, Machine Learning, Planning & scheduling

## SKILLS

---

Java (8+ years)    Python (2 years)    TensorFlow (1+ years)    C++ (1 year)  
Bash (5+ years)    Git (5+ years)    JavaScript (<1 year)    C# (1 year)

## LANGUAGES

---

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

SLOVAK: Native proficiency      CZECH: Basic working proficiency