

JOZEF MOKRY

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EDUCATION

- 2016-2019 **PhD: CDT in Data Science, University of Edinburgh**
Working on machine learning techniques for machine translation
- 2015-2016 **MSci by Research: CDT in Data Science, University of Edinburgh**
Grade: Distinction (*ranked 2nd in the cohort*)
- 2012-2015 **BA Hons: Computer Science, University of Cambridge**
Class: I (*ranked 6th in the final year*)
- 2010-2012 **International Baccalaureate, Spojena skola Novohradská**
Result: 44/45 (*99.75 percentile worldwide*)
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WORK EXPERIENCE & SKILLS

- skills* **C++11 • Python • Java • Tensorflow • Theano • Unix tools • LaTeX**
Some experience with: C#, PHP (Hack), Prolog, SML, HTML, CSS
- 2017 **University of Edinburgh: Tutor and marker**
Courses: Probabilistic Modelling and Reasoning, Extreme Computing
- 2016 **University of Edinburgh: Tutor, teaching assistant and marker**
Courses: Machine Learning and Pattern Recognition, Extreme Computing
- 2015 **Facebook: Search Learning and Experimentation team**
12-week internship • Worked on machine learning infrastructure for FB search
- 2014 **Microsoft: Bing Ads Data Services team**
12-week internship • Worked on automating Bing search infrastructure updates
- 2013 **Cambridge Silicon Radio: Advanced Location Algorithms team**
10-week internship • Built a system for IoT device management for smart buildings
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PUBLICATIONS & PROJECTS

- 2017 Rico Sennrich; Orhan Firat; Kyunghyun Cho; Alexandra Birch; Barry Haddow; Julian Hitschler; Marcin Junczys-Dowmunt; Samuel Läubli; Antonio Valerio Miceli Barone; **Jozef Mokry**; Maria Nadejde (2017). **Nematus: a Toolkit for Neural Machine Translation**. In Proceedings of the Demonstrations at the 15th Conference of the European Chapter of the Association for Computational Linguistics, Valencia, Spain.
- 2016 **Master's thesis: Pipeline-tolerant decoder**
Improving decoding algorithms to increase machine translation performance
- 2015 **Bachelor's thesis: Recognition of handwritten mathematical equations**
Built a system for equation recognition using convolutional neural networks
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AWARDS

- 2015 WCIT Outstanding Information Technology Student Prize
- 2015 Senior scholar of College and Thatcher Prize for academic performance
- 2014 CULP award in French for passing French Advanced course
- 2014 Sir John Stratton Prize and Excelect Ltd Scholarship for academic performance
- 2013 College Prize and Clough Scholarship for academic performance
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ADDITIONAL SKILLS & INTERESTS

Languages English (fluent), French (B2), German (basic), Czech (fluent), Slovak (native)

Sports Squash, Mountain hiking, Swimming, Cycling, Ballroom dancing

REFEREES

PhD supervisor
Kenneth Heafield
me@kheafield.com

Cambridge Director of Studies
Robert Harle
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