

JASON LEE

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EDUCATION AND QUALIFICATIONS

Ph.D in Computer Science

2017–2021 (*exp.*)

Specialising in Deep Learning and NLP, advised by Prof. Kyunghyun Cho.
Fully funded by MacCracken Fellowship.
Courant Institute, New York University, US

M.Phil. in Advanced Computer Science

2014–2015

Graduated with Distinction.
Full scholarship from the Cambridge Trust.
Computer Laboratory, University of Cambridge, UK

BA (Hons.) in Computer Science

2011–2014

1st Class Degree - Ranked 10th in year.
Dissertation: Real-Time 3D Gesture-Based Authentication, supervised by Prof. Ross Anderson.
St John's College, University of Cambridge, UK

EMPLOYMENT HISTORY

Facebook AI Research, Research Intern

May–July 2017

New York, NY, US

- Hosted by Douwe Kiela and Jason Weston.
- Worked on Emergent Translation in a Multi-agent Referential Game, currently in preparation for ICLR 2017.

ETH Zürich, Research Assistant

Nov 2015–May 2017

Zürich, Switzerland

- Data Analytics Group, supervised by Prof. Thomas Hofmann.
- Worked on Unified Neural Language Models for Morphology, Grammar and Coherence.

Google Research, Research Intern

Nov 2016–May 2017

Zürich, Switzerland

- Natural Language Understanding Team, hosted by Aliaksei Severyn and Enrique Alfonseca.
- Worked on Semi-supervised text classification with Variational Autoencoders.

Goldman Sachs, Summer Analyst

Jun–Aug 2013

London, UK

- Performance analytics/data mining team at Divisional Strategy Group, Securities Division.
- Implemented LASSO regression on public market indices to identify potential factors for predicting the firm's revenue.
- Improved the existing data mining framework for client refocusing, locating breaks in client coverage and recovering from potential client loss.

Google, Summer Intern

Jul–Sep 2012

Kraków, Poland

- Improved the Resource Weather search engine for the cluster management group.
- Rewrote the existing C++ code base into Java and added new features.
- Improved the ranking algorithm based on the relevance of the result page to the user's query by devising an optimal weighting scheme, as well as developing new data structures.

PUBLICATIONS

– J. Lee, K. Cho and T. Hofmann. **Fully Character-Level Neural Machine Translation without Explicit Segmentation**. Transactions of the Association for Computational Linguistics (TACL) 2017.

TEACHING EXPERIENCE

Teaching Assistant, Computer Science Masters Programme, ETH Zürich.

Introduction to Natural Language Processing

Feb–Jun 2016

Machine Learning

Oct 2016–May 2017

GRANTS AND AWARDS

Qualcomm Innovation Fellowship, Awarded a \$40,000 research grant for a 1-year proposal

A Unified Neural Language Model for Morphology, Grammar and Coherence

May 2016

Cambridge Assessment Scholarship, Awarded £25,000 to fund my M.Phil degree.

Cambridge Trust, Cambridge, UK

May 2014

Gummer Scholarship, Awarded for an outstanding academic performance.

St John’s College, Cambridge, UK

Jul 2012, Jul 2014

College Scholarship, Elected for achieving First Class in end-year examinations.

St John’s College, Cambridge, UK

Jul 2012, Jul 2014

LANGUAGES

English, Fluent

Korean, Mother Tongue

Japanese, Rudimentary

German, Rudimentary

TECHNICAL SKILLS

PyTorch Theano Torch Tensorflow Python Numpy \LaTeX Java C C++ SQL

REFERENCES

References are available upon request.