

# Curriculum vitae

Gabor Recski

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## Education

**Ph.D, Theoretical Linguistics (submitted)** – Eötvös Loránd University, 2011–2016

Thesis: *Computational Methods in Semantics*, Supervisor: Andras Kornai

**M.A, Theoretical Linguistics** – Eötvös Loránd University, 2006-2010

Thesis: *NP-chunking in Hungarian*, Supervisor: Andras Kornai

**M.A, English Language and Literature** – Eötvös Loránd University, 2004-2010

Thesis: *Factored Language Models in Statistical Machine Translation*, Supervisor: Andras Kornai

**B.Sc, Mathematics (incomplete)** – Budapest University of Technology, 2010-2012

Courses completed: Calculus (1-2), Linear Algebra, Algebra 1, Combinatorics and Graph Theory (1-2), Number Theory, Theory of Algorithms, Probability Theory, Mathematical Foundations of NLP, Semantics

## Employment

Dept. of Automation and Applied Informatics, Budapest University of Technology

**junior lecturer 2016 September – present**

Researching graph-based methods for computational semantics, teaching an introductory course in programming, supervising graduate students' work on projects related to computational semantics.

Research Group for Mathematical Linguistics, Hungarian Academy of Sciences

**junior researcher 2014 September – 2016 September**

Developing the open-source semantics engine 4lang, prototyping systems to participate in computational semantics shared tasks. Managing a team of 3 engineers to deliver NLP components for industry partners

Cliqz

**engineer 2013 July – 2014 September**

Built and maintained large-scale systems for domain-specific information retrieval using Elastic MapReduce and ElasticSearch on Amazon EC2; also built various NLP tools to enhance information retrieval systems

Human Language Technologies Research Group, Hungarian Academy of Sciences

**researcher-developer 2009 November–2013 June**

Participated in the design and implementation of prototype systems for semantic processing; contributed to projects on probabilistic language learning, web crawling, verb frame detection; developed both probabilistic and hybrid solutions for shallow parsing

Center for Media Research, Budapest University of Technology and Economics

**researcher 2008 December–2009 October**

Worked on the open source HMM-based NLP tagger Huntag and the bilingual corpus Hunglish

## Courses taught

Programming, Budapest University of Technology, 2016

Introduction to programming, Eötvös Loránd University, 2011

## Language

English (proficient), German (intermediate), Hungarian (native)

## Technical

Python – 8 years

Bash, UNIX tools – 8 years

Amazon Web Services, Google Cloud, MapReduce, Apache Spark, ElasticSearch

## Awards

Ph.D. student award, HAS Computer and Automation Research Institute 2012

Ph.D. scholarship, Eötvös Loránd University, Budapest 2011-2014

Best Junior Paper award, VII. Hungarian Conference on Computational Linguistics 2010

## Miscellaneous

Interdisciplinary Summer School in Computational Linguistics, Zadar, Croatia, 2010

EGG Summer School in Generative Grammar, Brno, Czech Republic, 2007

Classical singing (16 years choral, 4 years solo)