Tal Friedman

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EDUCATION

University of California, Los Angeles — Exp. Jun 2021
PhD Computer Science
Interests: Artificial Intelligence, Machine Learning, Probabilistic Programming
Advisor: Guy Van den Broeck

University of Toronto — May 2016
BSc Computer Science & Mathematics
GPA: 4.0/4.0 (CS Class rank: 1)
Activities: ACM-ICPC

EXPERIENCE

Allen Institute for Artificial Intelligence — Jun - Sep 2018
Research Intern
Supervisor: Ashish Sabharwal
Project: Textual Knowledge Base Completion

Sick Kids Research Institute — May 2015 - Aug 2016
Research Student
Supervisor: Anna Goldenberg
Project: Structure Learning for non-coding Variant Aggregation

PUBLICATIONS

Tal Friedman & Guy Van den Broeck
On Constrained Open-World Probabilistic Databases
IJCAI 2019

Tal Friedman & Guy Van den Broeck
Approximate Knowledge Compilation by Online Collapsed Importance Sampling.
NeurIPS 2018
Oral Full presentation (0.6%)

Jingyi Xu, Zilu Zhang, Tal Friedman, Yitao Liang, Guy Van den Broeck
A Semantic Loss Function for Deep Learning with Symbolic Knowledge.
ICML 2018

TECHNICAL SKILLS

Proficient: Python, Bash, Scala
Experienced: R, Matlab, Java

AWARDS & SCHOLARSHIPS

UCLA Graduate Dean's Scholar ($14500)	2016
Starbucks Clinical Genetics/Genomics Research Award ($6000)	2016
University of Toronto Scholar - Top 1% ($4500 total)	2013-2016
Daniel Berlin Artificial Intelligence Scholarship ($3200)	2015
NSERC Undergraduate Student Research Award ($12000 total)	2014, 2015
Leonard R W Admission Scholarship ($3500)	2012