

Kawin Ethayarajh

CONTACT	kawin@cs.toronto.edu	www.cs.toronto.edu/~kawin/
EDUCATION	UNIVERSITY OF TORONTO M.Sc., Computer Science (4.00 CGPA) B.Sc. (Hons), Computer Science (4.00 CGPA)	present 2017
AWARDS	Rhodes Scholarship Finalist University of Toronto Fellowship (\$11,200) John H. Moss Scholarship (\$16,650) <i>Given to the top graduating student, for academics and leadership.</i> Bank of Montreal National Scholarship (\$75,000) <i>Merit-based scholarship granted to only 8 students across Canada in 2013.</i>	2017 2017 2017 2013
RESEARCH & ENGINEERING	Google AI RESEARCH INTERN <ul style="list-style-type: none">conceived of and built a pipeline for zero-shot relation extraction using pre-trained QA modelsincreased precision by 12% and $F_{0.5}$ score by 0.023 over baseline method on a consumer products corpusworked with Apache Beam, Flume, and Tensorflow NLP Group, University of Toronto GRADUATE STUDENT <ul style="list-style-type: none">derived an unsupervised sentence embedding approach that got state-of-the-art results on similarity tasks, beating baseline by up to 44.4% (Best Paper, proceedings of Repl4NLP at ACL 2018)published proof of why analogies (e.g., <i>king is to queen as man is to woman</i>) exist in word vector spacesworked with Pytorch and Cython Signal Processing & Oral Communication Lab, University of Toronto RESEARCH ASSISTANT <ul style="list-style-type: none">studied seasonal changes in mood across 100K Reddit users (published)found that a small cohort was acutely sensitive to seasonal changes, supporting mainstream hypothesis Software Engineering Lab, University of Toronto RESEARCH ASSISTANT <ul style="list-style-type: none">implemented "lifted transformations" in Lifted DSLTrans, a model transformation languagefunded by NSERC (Canadian NSF) undergraduate research award	Summer 2018 2017 – present 2016 – 2017 Summer 2015
PRODUCT & PROJECT MGMT	Review of Undergraduate Computer Science (RUCS) FOUNDER & EDITOR-IN-CHIEF <ul style="list-style-type: none">started the first undergraduate publication dedicated solely to computer science (rucs.ca)built readership of several thousand students across several universities (UToronto, Cornell, and MIT) Governing Council of the University of Toronto UNIVERSITY AFFAIRS BOARD MEMBER <ul style="list-style-type: none">shaped student affairs policy while on a board of the university's highest governing bodydebated and voted on several key issues, including student privacy and data collection The Artisan Toolkit (Far & Wide Collective) REPORTING OFFICER <ul style="list-style-type: none">helped manage \$600,000 in funds to teach business practices to thousands of traditional Afghan artisanshelped distribute content across multiple media in English, Dari & Pashto to literate and illiterate users	2015 – 2016 2015 – 2016 2013 – 2015