

LOUIS CASTRICATO

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Education

University of Waterloo | Honors Bachelor of Mathematics (2015-2020)
Georgia Tech | Masters of Computer Science (2020 -)

Publications

ICONIPS, October 2017.

Combating Adversarial Inputs Using a Predictive-Estimator Network

Pre-pub

Arxiv, October 2020.

Parameter-Efficient Neural Question Answering Models via Graph-Enriched Document Representations

Experience

Lead Researcher | WireZapp (2012 – 2016)

Looked to link symbolic reasoning with fuzzy concept maps and deep learning.

Lecturer, SME | UAS Technikum Vienna (2016)

Taught an online graduate course. Approved SME for Ivan Lazarov's master's thesis.

Research Assistant | Waterloo (2016 – 2017)

Assisted Jeff Orchard in updating the backend for his SPE code.

Research Assistant | MIT, CSAIL (April 2019 – October 2019)

Collaborated with Dr. Enrico Santus on graphical QA and summarization methods.

Graduate Research Assistant | Georgia Tech (August 2020 –)

Working under Professor Mark Riedl on narrative comprehension and generation methods.

Awards and Acknowledgements

JP30, 2013

Teen authorship award. Came first place on Jukepop's post-NaNOWriMo competition.

Best Paper ICONIPS, 2017

Won best paper at ICONIPS 2017 with Professor Jeff Orchard

Skills Summary

Intermediate: Mathematica, Linux, HPC, CUDA, Cython

Advanced: Python, Pytorch, *LaTeX*