

Konstantinos Christopher (KC) Tsiolis

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PROFILE

I am an undergraduate student motivated by the pursuit of knowledge. I am constantly on the lookout for new challenges and opportunities to learn. I have a strong passion for research, particularly in AI.

EDUCATION

McGill University

Bachelor of Science in Honours Mathematics and Computer Science

- Cumulative GPA: 3.98/4.00

Montreal, QC

Sep. 2018 – Dec. 2021

RESEARCH EXPERIENCE

Research Assistant

Mila / McGill Reasoning and Learning Lab

- Supervisor: Professor Jackie Chi Kit Cheung (Mila / McGill University)
- Natural language processing research on word embeddings and commonsense reasoning
- Contributed to the development of novel word embedding and word meta-embedding methods
- Co-first author of a paper accepted at COLING 2020

May 2019 – Present

Montreal, QC

PROJECTS AND EXTRACURRICULAR ACTIVITIES

Academic Lecturer at the McGill Artificial Intelligence Society

- Giving lectures and writing a textbook for a student-run machine learning course
- Processing applications and conducting interviews for the course
- Holding office hours and one-on-one meetings with students

Mar 2020 – Present

MathBuddy

- Pitch for an “AI math tutor” that can recognize handwritten solutions and identify mistakes
- Project pitch won 1st place at Vanier College’s LaunchBox innovation competition

Nov. 2017 – May 2018

Hackathons

- 1st place at hack_mcwics (2020), 4th place at the McGill Physics Hackathon (2017)
- Participant at MariHacks (2018), Hackathon UdeM (2018), ConcordAI (2019), ImplementAI (2019)

PUBLICATIONS

Jingyi He, KC Tsiolis, Kian Kenyon-Dean, and Jackie Chi Kit Cheung. 2020. Learning Efficient Task-Specific Meta-Embeddings with Word Prisms. (Will appear in *Proceedings of the 28th International Conference on Computational Linguistics*).

AWARDS

Anne Molson Scholarship

- Awarded to McGill students in the Physical Sciences prior to their final year

Aug. 2020

Emily Ross Crawford Scholarship

- Awarded to McGill students in the Faculty of Science based on academic achievement in the first two years

Aug. 2020

NSERC Undergraduate Student Research Award

- Funding awarded to undergraduate students pursuing summer research in natural sciences or engineering

May 2020 – Aug. 2020

John Mahon Scholarship

- Annually renewable entrance scholarship at McGill University

Aug. 2018 – May 2021

TECHNICAL SKILLS

Programming Languages: Python, Java, Bash, C, MATLAB, JavaScript, OCaml

Libraries: PyTorch, Tensorflow, NumPy, scikit-learn, pandas, Matplotlib