

Maite Kramarz

Education

University of Toronto

M.Sc., Computer Science, advisor Prof. Ningning Xie

Toronto, Canada

August 2024 – current

McGill University

B.A., Computer Science

Montreal, Canada

August 2020 – April 2024

Industry

Morgan Stanley

Software Engineer Intern

Montreal, Canada

May 2022 – August 2022

- Developed and maintained an in-house programming language for querying log files, as well as an IDE for executing queries in that language.

Teaching

McGill University

COMP 302 – Programming Languages and Paradigms (TA)

COMP 230 – Logic and Computability (TA)

Montreal, Canada

August 2023 – April 2024

August 2022 – December 2022

Publications

- (1) Li-yao Xia, Laura Israel, **Maite Kramarz**, Nicholas Coltharp, Koen Claessen, Stephanie Weirich, and Yao Li. Story of Your Lazy Function's Life: A Bidirectional Demand Semantics for Mechanized Cost Analysis of Lazy Programs. *Proc. ACM Program. Lang.*, 5(ICFP), August 2024. To appear.

Awards and Programs

NSF Research Experiences for Undergraduates in Programming Languages

June 2023

- Selected to participate in the inaugural iteration of this program, which aims to increase the participation of marginalized groups in programming languages research, supported by the NSF.
- Conducted research and attended talks with professors and graduate students at the host institution, the University of Pennsylvania.
- Received \$6000.00 stipend to support living expenses.

NSERC Undergraduate Student Research Award (*declined*)

May 2023

- Offered \$8700.00 award to support summer research under the direction of a professor funded through the NSERC.

Google Computer Science Research Mentorship Program

January 2023

- Selected to participate in a research mentorship program which pairs Google mentors and students who are interested in pursuing research in computer science.

Tomlinson Engagement Award for Mentoring

August 2022

- Received \$300.00 award to improve quality of undergraduate instruction by serving as a teaching assistant for an undergraduate course.