

Thomas Tendron

+44 7787 644732
thomas.tendron@univ.ox.ac.uk

Education

University of Oxford September 2020 - August 2024 (expected)
DPhil at the Centre for Doctoral Training in Mathematics of Random Systems
Advisor: Julien Berestycki.

McGill University January 2019 - June 2020
M. A. in Mathematics
Advisors: Louigi Addario-Berry and Jessica Lin.

McGill University September 2015 - December 2018
B. A. Honours Mathematics, Minor concentration in Computer Science
Graduation with First Class Honours in Mathematics.

Research interests

Broad interest in probability theory and partial differential equations. Branching processes, reaction-diffusion equations, interacting particle systems, stochastic differential equations, stochastic partial differential equations.

Publications

L. Addario-Berry, J. Lin, T. Tendron, (2020) Barycentric Brownian Bees, submitted, arxiv:2006.04743.

Seminars attended

Northeast Probability Seminar, City University of New York, New York November 21-22, 2019
Dynamics of Random Systems, Institut des Sciences Mathématiques, Montréal June 10-14, 2019
Probability Seminar, McGill University, Montréal Winter 2019, Fall 2019, Winter 2020

Teaching Experience

Ordinary Differential Equations Winter 2020
Teaching Assistant

Calculus 2 Winter 2019, Fall 2019
Teaching Assistant

- Delivered a two-hour tutorial each week consisting of a brief review of the material covered in class and practice exercises. Class sizes up to ~ 100 students.
- Held weekly office hours.
- Marked quizzes, midterms and final exams.

Advanced Probability Theory 1

Fall 2019

Marker

Honours Probability

Fall 2017

Marker

Honours and Awards

Oxford-Radcliffe Graduate Scholarship - University College - University of Oxford	2020-2024
Graduate Excellence Award - Dept of Maths & Stats - McGill University	Winter 2019-Winter 2020
Arts Undergraduate Research Internship Award - McGill University	Summer 2018
HackHarvard Grand Prize - Harvard University	November 2015
Wolfram Overall Winner - Wolfram	November 2015

Work Experience

McGill University Health Center

Summer 2018

Software Developer Intern

Developed the front-end for a questionnaire system in the Opal app, an application which connects cancer patients with their treatment team.

Ericsson

Summer 2017

Software Developer Intern

Developed multiple continuous integration pipelines as code to automate the build, unit testing, feature testing, SonarQube analysis, unit and feature tests coverage reports, code-review scores and publishing for both Maven and Gradle based projects.

McGill University Health Center

Summer 2016

Software Developer Intern

Developed a web portal to connect cancer patients with their treatment team.