

RESEARCH INTERESTS: Online learning, convex optimization, differential privacy, and theoretical computer science.

EDUCATION

Ph.D. in Computer Science – University of British Columbia, Canada Advisor: Dr. Nicholas J. A. Harvey	Sep 2019 – Sep 2024 (Projected)
M.Sc. in Computer Science – University of São Paulo, Brazil Thesis: Online Convex Optimization: Learning, Duality, and Algorithms Advisor: Dr. Marcel Kenji de Carli Silva	Feb 2017 – Jul 2019
Exchange Undergraduate Student – University of New South Wales, Australia	Feb 2015 – Dec 2015
B.Sc. in Computer Science (GPA: 8.7/10) – University of São Paulo, Brazil Undergraduate Thesis: Almost Linear Time Algorithms for Flows in Graphs Supervisor: Dr. Marcel Kenji de Carli Silva	Feb 2012 – Dec 2016

PUBLICATIONS AND PREPRINTS

Continuous prediction with experts' advice Nicholas J. A. Harvey, Christopher Liaw, Victor Sanches Portella [A-Z ordering]	Submitted to JMLR
Efficient and optimal fixed-time regret with two experts Laura Greenstreet, Nicholas J. A. Harvey, Victor Sanches Portella [A-Z ordering]	ALT 2022
Regret bounds without Lipschitz continuity: online learning with relative-Lipschitz losses Yihan Zhou*, Victor Sanches Portella*, Mark Schmidt, Nicholas J. A. Harvey [*equal contribution]	NeurIPS 2020
Online mirror descent and dual averaging: keeping pace in the dynamic case Huang Fang, Nicholas J. A. Harvey, Victor Sanches Portella, Michael P. Friedlander	ICML 2020 & JMLR 2022

AWARDS AND FELLOWSHIPS

UBC Ph.D. Award – 4-Year Fellowship (4YF)	Sep 2019 – Oct 2023
Master's Fellowship - CNPq	Mar 2017 – Mar 2019
Undergraduate Honors – Honorable Mention for Outstanding Performance	Dec 2016
Undergraduate Research Fellowship – FAPESP	Jan 2016 – Dec 2016

TEACHING EXPERIENCE

UBC: Graduate Randomized Algorithms (CPSC 536N, 2022 - 26 students)
IME - USP: Linear Optimization (MAC5781, 2019 - 7 students); **Introduction to Computing II for Molecular Sciences** (CCM0128, 2018 - 33 students); **Computational Geometry** (MAC05747, 2018 - 30 students); **Graduate Algorithm Analysis** (MAC5711, 2017 - 20 students); **Data Structures and Algorithms** (MAC0323, 2013 - 54 students)

SERVICE AND OUTREACH

Reviewer Service: NeurIPS (2021, 2022), ICML (2022), DAM (2022)	
Student Representative on the AI/ML Assistant Professor Hiring Committee at UBC	Oct 2021 – May 2022
Video on the HyperLogLog Algorithm for SoME¹ (top 100 of 1200) (youtu.be/2PlrMCiUN_s)	Jul 2021
Co-organizer of the T.A.C.O.² Student Seminar Series at IME-USP	Jul 2017 – Mar 2019
Co-organizer of the Computer Science Week at IME-USP	Apr 2012 – Oct 2018
Student representative in the CS department at IME-USP	Mar 2016 – Dec 2016

¹ [Summer of Math Exposition 2021](#) organized by 3Blue1Brown.

² Theory of Computation, Algorithms, Combinatorics, and Optimization.