Daniel Carranza

Curriculum Vitae

Education

2021-Present	**M.Sc.**, University of Toronto Mathematics
2017–2021	**B.Sc.**, Western University, *GPA: 89* Honour's Specialization in Mathematics; minor in Computer Science.

Research Experience

Paper

January 2021	**2-adjoint equivalences in homotopy type theory**, *Logical Methods in Computer Science* With J. Chang, C. Kapulkin, and R. Sandford https://arxiv.org/abs/2008.12433 https://lmcs.episciences.org/7124

Talks

August 2020	**Formal Verification of Mathematics**, *CUMC 2020*, Western University https://youtu.be/LCW682zcEVs
August 2020	**Formalizing 2-Adjoint Equivalences in Homotopy Type Theory**, *Western Homotopy Theory Seminar*, Western University https://youtu.be/BIqhGYoo_PU

Teaching Experience

Teaching Assistant

Winter 2022	**Math Learning Centre**, University of Toronto
Winter 2022	**Engineering Calculus 2**, University of Toronto
Fall 2021	**Engineering Linear Algebra**, University of Toronto

Scholarships and Awards

Summer 2021	**NSERC Undergraduate Student Research Award**, *Cubical Methods in Discrete Homotopy Theory*, Western University

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Summer 2020	**NSERC Undergraduate Student Research Award**, *2-Adjoint Equivalences in HoTT*, Western University
2018-2021	**Dean's Honor List**
September 2017	**Western Scholarship of Excellence**

Extra-curricular Activities

February 2020	**Higher Categories and Categorification**, *Research Visit*, MSRI Berkeley
October 2019	**Midwest Homotopy Type Theory Seminar**, University of Michigan