

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

Scholarships and Awards

- Summer 2020,2021 **NSERC Undergraduate Student Research Award**, 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