

Curriculum Vitae

Xavier Génereux

December 30, 2022

Biographical information

Education

- Bachelor's in mathematics and computer science, Université de Montréal, 2018-2021
- Master's in mathematics, Université de Montréal, sup. Matilde Lalín, expected summer 2023

Employment

- Teaching assistant, rings and modules, Winter 2023
- Teacher, high school mathematics, Alloprof, 2021-
- Teaching assistant, group theory, Autumn 2021/22
- Mathematics research internship, sup. Matilde Lalín, 2021
- Mathematics research internship, sup. Egor Shelukhin, 2020
- Mathematics research internship, sup. Véronique Hussin, 2019
- Many customer services student jobs.

Grants

- End of master's studies grant, ESP, 2022, \$6000
- Scholarship Award, Desjardins, 2022, \$2000
- Undergraduate Summer Grant, ISM, 2021, \$5000

- Excellence grant in computer science, gouv. QC, 2021, \$1000
- Undergraduate Student Research Award, CRSNG, 2020, \$ 6000
- Excellence grant, UDEM(DIRO), 2019, \$2000
- Undergraduate Internship Grant, UDEM, 2019, \$4000

Research

Papers

- On the Northcott property of zeta functions over function fields (with Matilde Lalín and Wanlin Li). Finite Fields Appl. 83 (2022), Paper No. 102080. MR4444425
- On the Northcott property of Dedekind zeta functions (with Matilde Lalín). Submitted to Exp. Math.

Presentations

- The Northcott property of ζ -functions over families of extensions, October 2022, Québec-Maine conference for number theory.
- On the Northcott property of ζ -functions over function fields, April 2022, MOBIUS Analytic Number Theory.
- Number theory in a parallel world (translated), June 2021, Clubmath de l'Université de Montréal.

Other

- Volunteering at Moisson Montréal, Helping to provide food for those in need. Autumn 2022.
- Volunteering at summer school: Discover the mathematical world, Université de Montréal, June 2022.
- Volunteering at local hospital (Jean-Talon), ER support and psychiatric ward assistance, August 2021 to March 2022.