

Ryan Thompson

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Education

- **Nelson College** Nelson, NZ
Year 9-10 Feb. 2014 - Nov. 2015
 - Received A* in IGCSE Cambridge Double Science and Social Studies papers.
- **Nelson College** Nelson, NZ
Year 11-13 Feb. 2016 - Nov. 2018
 - Received Excellence endorsement at NCEA Level 1 (70 Excellence credits). Mathematics endorsed with Excellence.
 - Received Excellence endorsement at NCEA Level 2 (89 Excellence credits). Mathematics, Biology, Computer Science and English endorsed with Excellence.
 - Received Excellence endorsement at NCEA Level 3 (59 Excellence credits). Mathematics endorsed with Excellence.
 - Active member of Academic Committee in 2017 and Coordinator of Academic Committee in 2018.
 - Coordinator of Peer Tutoring Program in 2018.
 - Academic Captain of Robinson School House in 2018.
 - Creator and organizer of Philosophy Club in 2018.
- **Victoria University of Wellington** Wellington, NZ
BScHons, Mathematics Feb. 2019 - Nov. 2022
 - Focus on pure mathematics.
- **Victoria University of Wellington** Wellington, NZ
MSc, Mathematics Nov. 2023 - Nov. 2024
 - Supervised by Prof. Lisa Orloff Clark and Dr. Ilija Tolich.
 - Thesis titled “Actions of Inverse Semigroups and their Ample Groupoids”.

Work Experience

- **Group Math Tutor** Nelson, Wellington, NZ
Numberworks’n Words Jan. 2018 - Nov. 2019
 - Taught groups of up to four students at once, ranging in age from 5 to 18, in Mathematics, including NCEA Levels 1-3.
 - Various administrative tasks including organizing paperwork, laminating, and printing documents.
- **Voting Issuing Officer** Wellington, NZ
Electoral Commission Oct. 2020
 - Issued New Zealand voters with voting papers, verifying their identity and checking electoral rolls/address books.
 - Interacted with and communicated with a huge variety of people, including voters that didn’t speak English, and voters that were deaf.
 - Completed other tasks such as two days of training, setting up and taking down voting stations, and organizing all the documents at the end of election day for submission.

- One-on-One Math Tutor**

• *MyTuition*

 - Private Math tutoring online and in-person with high-school aged students, primarily those sitting NCEA level 2 and 3.
 - Plan lessons, adapt lessons to the needs of students, carry out student evaluations, and communicate effectively with parents.

Wellington, NZ

Jan. 2020 - Nov. 2023
- Mathematics Research Assistant**

• *Victoria University School of Mathematics and Statistics*

 - Worked under the supervision of Prof. Lisa Orloff Clark carrying out research for roughly 250 hours over the summer.
 - Research involving topology, analysis, and set theory was looking into the Baire category theorem and the axiom of choice.

Wellington, NZ

Nov. 2021 - Feb. 2022
- Floor Staff / Bartender**

• *Hanging Ditch*

 - Varied roles in busy cocktail lounge such as bar back, floor staff and bartender.
 - Carry out tasks such as waiting tables, taking payments, making drinks and forming relationships with customers, putting together small food items, preparing syrups and cocktail ingredients, as well as working quickly, efficiently and accurately.

Wellington, NZ

Aug. 2022 - Aug. 2023
- Waiter / Bartender**

• *Rosella*

 - Carried out a range of flexible roles in a casual but high-end restaurant and wine bar.
 - Maintained high-detail and accurate knowledge of food and beverage offerings, and communicated these effectively to customers.
 - Formed meaningful relationships with customers while they dined, and strived to provide excellent service.

Wellington, NZ

Aug. 2023 - Present
- University Mathematics Tutor and Marker**

• *Victoria University of Wellington*

 - Worked alongside lecturers and course coordinators for a number of university mathematics courses, including MATH151 (algebra), MATH251 (linear algebra) and MATH161 (discrete mathematics).
 - Duties included course administration, marking of assignments and exams, running tutorials, and teaching course content to students.

Wellington, NZ

Mar. 2024 - Nov. 2024

Awards

Level 3 NCEA Statistics School Prize	2018
Nelson College Prefect	2018
Victoria University Tangiwai School Leaver Scholarship (\$5,000)	2018
Mensa NZ Tertiary Scholarship (\$500)	2018
Victoria University Science Faculty Dean Honour List	2019 - 2021
Geoffrey A. Rowan Memorial Bursary (\$1000)	2021

Skills

Personal Skills : excellent attention to detail, strong written/verbal communication skills (particularly grammar/editing/layout and presentation), talented at problem solving and streamlining processes, comfortable working in a team or independently, great at taking initiative, fast and effective learner.

Technical Skills : confident with MS Office applications, wide experience with various technologies and computer systems, proficient with L^AT_EX, entry-level experience with Python and Java.