

## **EDUCATION**

<b>Bachelor of Education</b> , Queen's University, Kingston, ON	<b>Aug 2024</b>
<ul style="list-style-type: none"><li>• Intermediate/Senior Division</li><li>• STEM Education Concentration</li></ul>	
<b>Certificate Program in Coding Boot Camp</b> , University of Toronto SCS, Toronto, ON	<b>2023</b>
<ul style="list-style-type: none"><li>• Full-Stack Web Development</li></ul>	
<b>Master of Arts in Mathematics &amp; Statistics</b> , York University, Toronto, ON	<b>2021</b>
<ul style="list-style-type: none"><li>• Applied Mathematics Stream</li></ul>	
<b>Bachelor of Science in Mathematics/Applications</b> , Toronto Metropolitan University, Toronto, ON	<b>2019</b>
<b>Bachelor of Science in Physics &amp; Astronomy</b> , York University, Toronto, ON	<b>2015</b>
<ul style="list-style-type: none"><li>• Physics Stream</li></ul>	

## **TEACHING EXPERIENCE**

<b>Grade 10/12 OT, John Polanyi CI, TDSB (3 days)</b>	<b>2024</b>
<ul style="list-style-type: none"><li>• Supervised two sections, SNC2D and SCH4U class, leveraging strong pre-existing relationships with students to effectively manage the classes as they were to complete their end-of-year culminating activities and review worksheets provided by their regular teachers.</li></ul>	
<b>Grade 9 LTO, Northview Heights SS, TDSB (4 weeks)</b>	<b>2024</b>
<ul style="list-style-type: none"><li>• Took over the MTH1W class mid-semester, ensuring a smooth transition by coordinating with previous LTOs and aligning lesson and tests with other MTH1W class sections to maintain consistency and continuity.</li><li>• Adapted a shared planning calendar from another MTH1W teacher, modifying it to meet the needs of a class with a higher proportion of struggling students, and used entry tickets to assess and provide feedback on students' understanding of daily concepts.</li><li>• Developed relationships with students, earning their respect and improving classroom dynamics, while managing attendance and tracking grades in PowerTeacher Pro, and participated in an organized field trip to Fairview Mall's Apple Store, where students learned coding in Swift Playground.</li></ul>	
<b>Grade 10/12 Teacher Candidate, Northview Heights SS, TDSB (4 weeks)</b>	<b>2024</b>
<ul style="list-style-type: none"><li>• Developed and delivered an inquiry-based learning lesson for MPM2D, enabling students to independently discover the properties of similar triangles, which led to significant "lightbulb moments" and positive feedback from my associate teacher.</li><li>• Taught MCV4U focusing on vectors using visual aids such as vector diagrams to enhance student understanding and maintained at a quick yet comprehensive teaching pace that supported active student participation in a thinking classroom environment.</li><li>• Co-coached the tennis team and actively participated in the table tennis club, building relationships with students beyond the classroom, attended a full-day tennis playoff event to gain valuable coaching experience and reinforce my aspiration to coach sports like volleyball or tennis at a school in the future.</li></ul>	
<b>Grade 10/11/12 Teacher Candidate, John Polanyi CI, TDSB (4 weeks)</b>	<b>2024</b>
<ul style="list-style-type: none"><li>• Led MPM2D and SPH3U/SPH4U classes focusing on student-inquiry-based learning, employing innovative strategies such as a thinking classroom approach and developing rich tasks to enhance engagement and understanding in Mathematics and Physics.</li><li>• Collaborated with associate teachers and educators to share resources and strategies, enriching teaching practice and professional growth while applying UDL principles and differentiated instruction to support diverse learning styles.</li><li>• Enhanced school culture by actively engaging in extracurricular activities like table tennis and co-ed volleyball and badminton teams, strengthening student connections and promoting teamwork and school spirit.</li></ul>	
<b>Grade 12 Teacher Candidate, A.Y. Jackson SS, TDSB (7 weeks)</b>	<b>2023</b>
<ul style="list-style-type: none"><li>• Led three MHF4U classes, transitioning from initial observation to full-time classroom management and instruction of complex mathematics units.</li><li>• Developed and executed dynamic lesson plans for units on Exponential and Logarithmic Functions and Polynomials, enhancing engagement through interactive games and problem-based learning.</li></ul>	

- Assessed and recorded student performance across five tests, fostering academic growth through personalized feedback and collaborative review sessions.
- Leveraged advanced technology, including phones and tablets, for presentations and recording lessons for Brightspace, promoting a modern and efficient learning environment.
- Participated in staff and department meetings and parent-teacher interviews, gaining valuable insights into education administration and parent engagement.
- Introduced organizational and technological innovations, including custom-designed worksheets using Python and LaTeX, shared with the mathematics department to support diverse learning needs.

**Grade 11/12 Teacher Candidate, Northern SS, TDSB, (3 weeks)**

**2023**

- Absorbed diverse teaching methods in Math and Physics, seamlessly taking over SPH3U/SPH4U classes and enhancing student engagement through student-centered lessons, interactive modules on wave mechanics, and after-school tutoring.
- Leveraged Smartboard technology for dynamic lesson delivery and coached the co-ed volleyball team, fostering teamwork, school spirit, and holistic student development beyond academic achievements.

**TEACHING RELATED EXPERIENCE**

**T<sup>3</sup> Community Member, Teachers Teaching with Technology, Toronto, ON (3 weeks)**

**2024**

- Facilitated integrated tutorials for Grade 9 and 12 students and educators using TI-Nspire CX (II) CAS graphing calculators, focusing on Python coding, STEM projects, and the revised Grade 9 de-streamed math curriculum's coding expectations.
- Demonstrated advanced features of TI-Nspire teaching technology for effective learning in calculus, algebra, and data management, while leading one MPM2D class on short notice and providing instructional support for untaught concepts.

**Camp Counsellor, Pickering College, Newmarket, ON (8 weeks)**

**2021**

- Supported certified ESL educators in creating and engaging educational environment for diverse elementary and secondary school students.
- Introduced a mentorship program that significantly improved academic achievement and student satisfaction.
- Developed recreational and cultural activities to foster an inclusive community, enhancing communication between students, and staff.

**Private Tutor, Tutor Doctor & Tutors for Less, Toronto, ON**

**2012 - 2019**

- Customized one-on-one tutoring for students aged 11 – 17 in Mathematics and Science, addressing individual learning needs and improving grades.
- Created a suite of tutoring resources and practice exercises that enhanced that company's tutoring effectiveness.
- Fostered strong relationships with students, increasing retention and facilitating the adoption of digital resources for distance learning.

**PROFESSIONAL DEVELOPMENT AND SKILLS**

**Awards**

- Queen's University: Paul Park Mathematics Science and Technology Education Scholarship (\$4000)

**2023**

**Certifications**

- Ministry of Labour: Worker Health & Safety Awareness in 4 Steps
- Online Expert v6: Certified Java Associate
- University of Toronto: Teaching English as a Foreign Language

**2019**

**2018**

**2015**

**Interests**

- Racquet Sports
- Volleyball
- Origami