

# Brendan J. Roy



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## **SUMMARY**

Bilingual graduate of the Bachelor of Education program at Western University in I/S math and general science. Passionate about computational thinking. Aspiring to join the OCDSB supply list in the fall of 2017.

## **EDUCATION & PROFESSIONAL DESIGNATIONS**

### **Western University, London ON. (2015 – 2017)**

- **Bachelor of Education:** Intermediate/Senior, Math and General Science; STEM Cohort
- **Basic Additional Qualifications:** Environmental Sciences and Special Education Part 1 (August 2017)

### **Carleton University, Ottawa ON. (2009 – 2014)**

- **Bachelor of Engineering:** Environmental Engineering 5-year co-op stream; top of class in the environmental engineering program; Presented research on water treatment at OWWA conference

## **TEACHING & PROFESSIONAL WORK EXPERIENCE**

### **Mother Teresa Secondary School, London ON. (2017)**

- **Alternative Field Experience:** Lead robotics and Rube Goldberg projects in TEJ 3M class; visited several elementary classrooms to teach coding and robotics

### **St. Mary's Catholic High School, Woodstock ON. (2017)**

- **Practicum:** Taught two MFM2P courses and one ICS 3U course

### **Montcalm Secondary School, London ON. (2016)**

- **Alternative Field Experience:** Visited several elementary classrooms to teach coding and robotics to students while developing curriculum appropriate content for teachers

### **Jack Chambers Public School, London ON. (2016)**

- **Practicum:** Taught in a grade eight classroom; Assisted with the school green team

### **H.B. Beal Secondary School, London ON (2016)**

- **Practicum:** Taught two MCF3M and one MPM2D courses; assistant coach to the boys' soccer team

### **Parkside Collegiate Institute, St. Thomas ON (2015)**

- **Practicum:** Taught two MFM2P courses and assisted with a SNC1P course

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### **Mathnasium, Sudbury ON. (2017 – PRESENT)**

- **Instructor:** Provided math tutoring to students of all grades and levels

### **Little Kickers, London ON. (2016 – 2017)**

- **Head Coach:** Instructed players aged 2 to 7 the fundamentals of soccer while instilling a love of the game

### **STEM Camp, London ON. (2016)**

- **Camp Director:** Ensured the smooth operation of a STEM summer camp based at Western University

**YMCA of Western Ontario, London ON. (2016)**

- **Before and After School Educator:** Planned and lead activities for SK students in a classroom setting

**Western University, London ON. (2016)**

- **Research Assistant:** Developed math curriculum resources with an emphasis on coding

**City of Greater Sudbury, Sudbury ON. (2007-2011)**

- **Senior Playground Supervisor:** Bilingual supervisor of 12 staff across four summer camp locations

**PROFESSIONAL DEVELOPMENT & TRAINING**

**Conference Speaker:** Ontario Association for Mathematics Education (2017)

- Presenting a seminar titled *Get into Coding Shape in Math Class* in which “participants will learn to code 3D shapes and other images” while addressing “geometry and spatial reasoning curriculum for grades 4 to 8.”

**Workshop:** Authentic Learning Opportunities in the Classroom (2016)

**Workshop:** Junior Achievement – Classroom Connections (2016)

**COMMUNITY & VOLUNTEER EXPERIENCE**

**Lasalle Secondary School, Sudbury ON. (2017 – PRESENT)**

- **Teaching Assistant:** Assist with math, science and computer science courses

**Blessed Sacrament Catholic Elementary School, London ON. (2017)**

- **Volunteer:** Assisted students in the coding and robotics clubs with a variety of projects

**Let’s Talk Science, London ON. (2016 – 2017)**

- **Demonstrator:** Lead science demonstrations in both classrooms and the community

**University Heights Public School, London ON. (2015 - 2016)**

- **Teaching Assistant:** Assisted grade 1 and 2 classrooms with the outdoor education program

**Science North, Sudbury ON. (2013-2014)**

- **Demonstrator:** Assisted with science demonstrations during special events

**Lasalle Secondary School, Sudbury ON. (2008 - 2010)**

- **Head Soccer Coach:** Coached the junior and senior boys’ soccer teams

**AWARDS & DISTINCTIONS**

**ADJELEIAN ALLEN RUBELI PRIZE:** Carleton University (2014)

- Awarded for “submitting one of the best fourth year engineering projects”

**MILLER THOMSON NATIONAL SCHOLARSHIP:** Miller Thomson Foundation (2009)

- Awarded to one of “200 top students in Canada...who have made positive contributions to their school and community”

**OUTSTANDING MALE STUDENT:** Lasalle Secondary School (2009)

- Awarded for “combined scholastic achievement with leadership in extra-curricular activities”