

# Andrew Wang

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## Experience

### **Math Instructor** / Grand River Chinese School

December 2017 - PRESENT, Resurrection Catholic Secondary School

Teaches mathematics to a full class of grade 5-6s. Based on a self-designed curriculum to spark learning intuition and curiosity. Finds lesson plans and topics from obsessive self-learning and self-research through numerous areas of mathematics.

### **QCSYS 2018** / Quantum Cryptography School Young Students hosted by IQC

August 2018, University of Waterloo

A two-week enrichment program to learn quantum cryptography. Met fellow high-school physicists from all around the globe. Visited laboratories, met renowned physicians and studied a cutting-edge field of quantum mechanics.

### **Hack the North 2017 and Hack the North 2018** / Canada's Biggest Hackathon

September 2017, September 2018, University of Waterloo

Amazing event! Shipped an application that allows visualization of transactions and sales density on a map. Built with TD Da Vinci API and TD bank data.

### **JAMHacks** / First Place Prize

April 2016, Sir John A. Macdonald High School

Teamed up with Patrick He, Calder White, and Fengchi Wang. Built (Classroom connect) a web platform for WRDSB students. Monitors assignments, grades and can pair up students as partners.

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## Education

### **Sir John A. Macdonald Secondary School** / High School

September 2016 to June 2020 (Expected to Graduate), Sir John A. Macdonald High School

Participated in DECA, Junior Football and Junior Rugby. Devoted computer science club executive and hackathon organizer (JAMHACKS 2019).

### **Laurelwood Public School** / Middle School

September 2014 to June 2016, Sir John A. Macdonald High School

Graduated with the sole Laurelwood Galilean Mathematics Award of 2016.

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## Awards

### **CEMC** / Centre for Education in Mathematics and Computing Awards

September 2014 - Present, University of Waterloo

Gauss - School Champion / Galios - School Champion / Cayley - School Champion / Canadian Computing Competition - First in the Region

**Others** / Kangaroo - Annual Gold Medals from 2014-2017 / Caribou - 15th place finish out of 6270 participants over six contests in the 2015-2016 school year / GRCS NCC - first place finishes in 2013 and 2014

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## Skills

**Programming Languages and Frameworks** / HTML5, CSS, JavaScript, TypeScript, jQuery, Node.js, Socket.io, Python, C++, PostgreSQL, Firebase, React.js, Angular

**Computer Software** / Unity, Adobe Photoshop, Adobe Premiere, Microsoft Office, LaTeX, Git, Bash