

Andrew Wang

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Experiences

Grand River Chinese School - Math Instructor / December 2017 - PRESENT / Resurrection CSS

> 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 through self-learning and self-research through numerous areas of mathematics.

QCSYS - Quantum Cryptography School Young Students / August 2018 / University of Waterloo

> An international summer program to learn quantum cryptography. Explored hands-on laboratories, met world-renowned physicians and studied the cutting-edge field of quantum mechanics.

Hack the North - Canada's Biggest Hackathon / September 2017 and 2018 / University of Waterloo

> Attended this amazing event for two consecutive years! Shipped an application that allows visualization of transactions and sales density on a map. Built with TD Da Vinci API and TD bank data.

Education

Sir John A. Macdonald Secondary School / From 2016 to 2020 / Sir John A. Macdonald High School

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

Laurelwood Public School / From 2014 to 2016 / Sir John A. Macdonald High School

> Graduated with the sole Laurelwood Galilean Mathematics Award of 2016.

Awards

StarterHacks - Overall Best Development Prize / January 2019 / University of Waterloo

> Developed and pitched a possible solution to stress and mental health issues in high school students. The solution provides school directives and teachers with a way to communicate, avoiding ridiculous workloads in student schedules.

JAMHacks - First Place Prize / April 2017 / Sir John A. Macdonald High School

> Built a web platform for WRDSB students (Classroom connect). Monitors assignments, grades and can pair up students for groups.

CEMC - Centre for Education in Mathematics and Computing Awards / University of Waterloo

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

Other Notable Awards

> Kangaroo - Consecutive 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 / ECOO-CS - Two Time Finalist / WWSEF - Gold Medal

Skills

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

Computer Software > Unity, Adobe Photoshop, Adobe Premiere, Microsoft Office, LaTeX, Git, Bash, WordPress