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 though 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. Accepted as a grade 10 from high schoolers all around the globe (44 accepted in total). 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 you to visualize 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.

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 as a 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.

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 / Kangeroo - 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

Skills

Programming Languages and Frameworks / HTML5, CSS, JavaScript, jQuery, Node.js, Socket.io, Python, Java, PostgreSQL, Firebase

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