Zirui (Simon) Guo

High School Student

☎ (647) 972-1505 | ✉ simonguozirui@gmail.com | 🌐 simonguo.tech

Summary

A high school student in Toronto, Ontario, from Shanghai, China. Interested in using technology and innovation to solve real-life problems.

Education

Activities and Societies

International Baccalaureate and Ontario Secondary School Diploma
Upper Canada College
2015.9 – now

Debate Team, Model United Nation, Robotics Club, Digital Media and Computer Science Club, Science Club, World Affairs Conference, Senior Wind Ensemble, Cross Country Team, Horizons Volunteer, College Times, Senior Math Society, Web Developer Community, Peer Tutoring, Mandarin Club.

Summer Programs
Various Institutions
2015.7 - now

University of Toronto Da Vinci Engineering Enrichment Program 2016
Canadian Mathematical Society Math Camp (Invitational) 2016
John Hopkins University Center for Talented Youth 2015: Mathematical Logic

Middle School
Shanghai Huayu Private Middle School
2012.9 – 2015.6

Head of College Film, Model Airplane Team, Robotics Club, Destination Imagination Team, Computer Science Society.

Experience

Details

Head of Finance
Canadian Independent School Chinese Association
2016.9 - now

Fundraising for ChengBu project.

Organize bank account and incomes(donation).

Search and negotiate with sponsors.

Help organize networking and social events.

Sumo Team Member
University of Toronto Robotics Association
2016.9 - now

Create a sumo robot and compete in the annual sumo competition.

Attend workshops; Learn about Mechanical, Electrical, and Programming aspects of designing and building advanced robots.

Hackathons
Participated & Demoed
2016.1 - now

UofTHacks 2016, Hack Western 2016, T.Hack 2016, Electric City Hacks 2016.

Honors

Science & Engineering	Toronto Science Fair 2016: Gold Medal, The Life Labs Award
	Patent: ZL 2016 2 0049390.6 (P.R.China), Smart Walking Stick
	The 30th Shanghai Adolescents' Science and Technology Innovation Contest: Gold Medal; Shanghai Science and Technology Museum Award; The AURORA Group 3D Printing Application Award
Mathematics	Ranked 84th at Canadian Intermediate Mathematics Contest 2015, School Champion
	Ranked 179th at Pascal Contest 2016, 2nd at Upper Canada College
	4th Upper Canada College Junior Math Olympiad Top Individual, School Champion
	Represented Upper Canada College to attend Harvard MIT Mathematics Tournament 2016
	John Hopkins University Center for Talented Youth Grand Award 2015
Computer Science	Bronze and the SAP Innovation award at Electric City Hacks 2016.
	Best Devpost at Hack Western 2016.
Others	Duke of Edinburgh Bronze Award

Projects

Robotics & Engineering	Hexapod Rescue Robot
	Smart Walking Stick
	Cat Rescue Robot
Hackathons	Modular Agricultural & Environmental Scanning System
	Auto-tone Woodwind Instrument
	IoT Stress ball
	Smart Push-up Shirt
Computer Science	AI Pong Game, Handwritten Digit Recognition

Skills

Languages: English, Mandarin

Programming: ArduinoC, Java, Python, HTML5, CSS3

Science: Science Research, Physics

Engineering: Electrical Engineering, Robotics, Internet of Things

Other: Project Managing, Debate