

Simon Zirui Guo

Maker, Developer, Researcher

I am a 17-year-old high school student from Shanghai, China, currently studying in Toronto, Canada. I'm passionate about new technologies, especially in robotics, consumer hardware, and neurotech; I've created many projects that focus on solving real-life issues using the powers of hardware and software, at hackathons and as personal side projects.

I am open to any internship or part-time opportunities in tech and research.

Contact Information

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EXPERIENCE

Interaxon

Mindful Technology Resident Intern (2018.6 - 2018.8)

Research & Development on new Brain-Computer Interface products and experiences.

hack.init()

Founding Member & Vice-Director of Logistics (2017.2 - 2017.7)

Co-founded and organized China's largest youth hackathon in 2017 (hack.init()), 300 hackers) and 2018 (hack.init() and hack(Shanghai), 500 hackers).

Toronto Hacker Club

Event Coordinator (2016.12 - 2017.11)

Promoting computer science education across the Greater Toronto Area by organizing Canada's largest high school hackathon THacks2 (300 hackers) and several tech workshops with Mozilla, NeurotechX.

Other Associated Organizations

Member and Event Organizer at NeuroTechTO (2017-2018)

SumoBot Team Member at University of Toronto Robotics Association (2016-2017)

Innovation Student at The Knowledge Society (2017-2018)

Research Member at Shanghai Science Association for Young Talents (2014-2015)

EDUCATION

Upper Canada College

International Baccalaureate & Ontario Secondary School Diploma (2015.9 - now)

Director of Technology of World Affairs Conference, Head of Engineering Society, Hackathon Coordinator of the Digital Media and Computer Science Club, Senior Wind Ensemble, Varsity Cross Country Running Team, Horizons Volunteer, Robotics Club, Science Club, Debate Club, Rowing Team

Various Institutions

Summer Programs

Massachusetts Institute of Technology Launch Summer 2017

University of Toronto Da Vinci Engineering Enrichment Program (DEEP) 2016

Canadian Mathematical Society Math Camp (Invitational) 2016

John Hopkins University Center for Talented Youth (CTY) 2015: Mathematical Logic

PROJECTS

Please visit my website (simonguo.tech) for my portfolio and awards.

SKILLS

Software Engineering

Strong: Python, Java, HTML, CSS, React, JavaScript, SQL

Knowledgeable: Node.js, PHP, C++, Git, R, React-Native, iOS Development, Android Development

Tools

Firebase, Amazon Web Services (S3, EC2, Route53, Lambda), Apache, Alexa Skills Kit, DigitalOcean, DialogFlow, Bootstrap, Markdown, Google Analytics, Unity

Hardware

Arduino, Raspberry Pi, 3D Printing, Fusion 360, Solidworks

Language

Strong: Mandarin, English. Knowledgeable: Spanish

Other

Project Management, UX Design and Research, Video Editing, Sketch, Photoshop