Tianyi Zhang

Date of Birth: November 4, 1998   (+1)647-936-2123

me@tywinzhang.com   tywinzhang.com

Education

McMaster University, Hamilton, Ontario, Canada. Sep 2017 – Present
Computer Science, Bachelor of Applied Science - BASc,
Faculty of Engineering
St.Robert Catholic High School, Markham, Ontario, Canada.
Sep 2015 – July 2017
Ontario Secondary School Diploma
Harbin No.1 Middle School, Harbin, China. Sep 2013 – July 2015
Chinese Secondary School Diploma

Skills

Web Development: HTML, CSS, Javascript, Bootstrap, JQuery, Node.js, RESTful API, Flask, Express.js
Mobile Development: Swift, XCode
Programming languages: Python, Java
Database: MongoDB, SQL
Functional programming: Haskell
Others: Git, Linux/Unix, Machine learning, LaTeX, MarkDown, Agile methodologies, Dockers, Computer-aided design
Languages: English, Mandarin

Recent Honors & Awards

McMaster Honor Award Scholarship, McMaster University, Sep 2017
Ontario Scholar, Minister of Education Ontario, July 2017
Academic Achievement Award, St.Robert Catholic High School, June 2017
Certificate of Distinction, Euclid Math Contest, University of Waterloo, May 2017
Certificate of Distinction, Canadian Computing Competition Senior Division, University of Waterloo, May 2017
Honorable Graduate, St.Robert Catholic High School, 2017
Honor Roll Award, St.Robert Catholic High School, 2017
Certificate of Distinction, Euclid Math Contest, University of Waterloo, May 2016
Academic Achievement Award, St.Robert Catholic High School, June 2016
Honor Roll Award, St.Robert Catholic High School, June 2016

Major Experience & Activities

IOS/Backend Developer, RedReach, Hamilton, Nov 2017 – present
RedReach is a startup Company at Forge. It is an innovative employment searching and job-posting platform, specializing in youth employment in GTA Area. I jonin the team as IOS and backend developer to implement functionalities for the app including API Integration, app analysis

Participant, Hack.init(), Shanghai, August 2017
hack.init() is China's premier youth hackathon. As a rare hackathon open to high schoolers, it brings together 300 brightest minds across the country to Shanghai for a 24-hour, nonstop feast of creativity, collaboration, and rapid learning.

Co-member, The forge startup incubator, Hamilton, Nov 2017 – present
The forge is Hamilton's startup incubator and McMaster University's on-campus entrepreneurship initiative. Our startup business, RedReach, is a client at the Forge. RedReach has received helpful mentorship, guidance and resources such as office space during the growth stage.

Participant, Hack.init(), Shanghai, August 2017
hack.init() is China's premier youth hackathon. As a rare hackathon open to high schoolers, it brings together 300 brightest minds across the country to Shanghai for a 24-hour, nonstop feast of creativity, collaboration, and rapid learning.

Translator, Coursera, September 2017 - Present
Volunteer as a translator to provide high-quality subtitles translations for Coursera course lectures. Contributing to making transformative educational experiences accessible to more learners worldwide.

Organizer, Hour of Code initiative, St.Robert Catholic High School, November 2015
As a member of the coding club, I helped to hold the annual hour of code initiative to promote computer science education throughout the school community.

Fundraiser, Heart and Stroke Foundation Canada, Toronto, Feb 2016
Help raise funds during the annual Ice Fest Festival held in Toronto Bloor-Yorkville. Manage sales of charity goods and donations.

Last edited on December, 2017