

MOYANG ERICA WANG

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GitHub: <https://github.com/Erica-Wang>

DevPost: https://devpost.com/Erica-Wang?ref_content=user-portfolio&ref_feature=portfolio&ref_medium=global-nav

SUMMARY OF QUALIFICATIONS

- Grade 11 high school student
- Experiences with presentation in front of hundreds of audiences
- Experiences with tutoring individual student as well as group of students (5 or more) at different environments
- Currently developing the prototype of an iOS application aimed at students
- Currently developing a personal website without template that will be hosted on public server soon
- Fluency in Mandarin and English

ACCOMPLISHMENTS AND ACHIEVEMENTS

- 2015 - Toronto Math Olympics Gold Metal
- 2016 - Cardinal Carter Academy for the Arts Grade 9 Mathematics Award
- 2016 - Highest mark in Fryer competition in TCDSB (Toronto Catholic District School Board)
- 2017 - Highest mark in Cayley competition in TCDSB (Toronto Catholic District School Board)
- 2017 - Invited presenter about cryptography at TKS showcase
- 2017 - Electric City Hacks Best Adventure Hacks and recipient of Wolfram Award
Memory Hunter: <https://devpost.com/software/memory-hunter>

Experiences

Tutor Kumon

Nov., 2017 - Now

- Part-time math and English tutor for JK to G12 students
- Main responsibilities include helping students who are having trouble understanding, marking students' worksheets, and other miscellaneous tasks

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Founder and President of Coding Club

Oct., 2017 - Now

Cardinal Carter Academy for the Arts

- Started a club this year for coding (more specifically for web development)
- I teach a group of high school student show to use HTML, CSS and Javascript to design a dynamic personal website

Peer Tutor

Sept., 2017 - Now

Cardinal Carter Academy for the Arts, Toronto

- Registered one-on-one tutor for students who are having trouble with academics
- Currently tutoring one student for Grade 11 physics and one for Grade 11 math

Student Study Group Leader

Sept., 2017 - Now

Cardinal Carter Academy for the Arts, Toronto

- Leader/mentor of a Grade 10 student study group for math at my high school
- Student Study Group modelled after similar groups common in universities

iOS Intern

Aug., 2017 - Oct., 2017

UniversityTransport

- Worked on the iOS application for UniversityTransport
- Fixed bugs, connected app with database **Alumni**

July, 2017 - Now

SHAD, University of Saskatchewan

- Daily university-level lectures on math and science over the month of July
- Created a prototype and a business plan for a startup attempting at reducing individual energy footprint in Canada with fellow SHAD participants

Innovator

Feb, 2017 - May, 2017

The Knowledge Society, Toronto

- Weekly program with instructor(s) and selected high school students in Toronto
- Biweekly group Hackathons
- Presentations about cutting-edge technologies

Tutor

Jan, 2017 – Now

Self-employed

- Custom sessions for middle and high school students struggling with math or science
- Attracted customers through advertisements

iOS Developer

Sep, 2016 - Now

- Familiar with Swift
- Experienced in back-end algorithms and front-end UX design

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Volunteer Assistant Program Coordinator YMCA, Toronto

Jan, 2016 – Now

- Co-directing weekly sessions of “Sports and Games” with children
- Planning activities, discussing ideas with a team, and leading participants

Volunteer Entertainer Various Retirement Homes

Nov, 2015 – Nov, 2017

- Flute performance for seniors
- Self-designed hour-long performance consisting of flute playing, lectures on musical knowledge, and audience interactions
- Over 10 performances in different homes

Volunteer Tutor Catholic Children’s Aid Society, Toronto

Sept, 2015 – Now

- Weekly program for struggling students with low family income
- Helping students aged between Grade 4 and Grade 8 with school and extracurricular work
- Contributing ideas for potential group activities

Competitive Java Programmer

Sep, 2015 - Now

- Graph theory, Dynamic programming, Bitmask algorithms, Tree manipulation
- 46 in 2016 CCC Senior

EDUCATION

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| • Cardinal Carter Academy for the Arts, Toronto, Ontario | 2014 - Now |
| • Bayview Middle School, Toronto, Ontario | 2013 - 2014 |
| • Xinguang Middle School, Shanghai, China | 2012 - 2013 |
| • Xinzhuangzhen Elementary School, Shanghai, China | 2007 - 2012 |

REFERENCES AVAILABLE UPON REQUEST