JIN TIAN HUANG

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SUMMARY OF QUALIFICATION

- Experienced with: C#/.Net, Python, HTML, CSS
- Familiar with: C++, Java, JavaScript
- Mastery over French and English, along with some Chinese, Spanish and German
- Acquired **problem solving** skills through writing math contests annually and troubleshooting code
- Learned programming through excellent **self-teaching** skills
- Possess **Teamworking skills** developed in sports, projects and gaming as well as being able to **work independently**

PROJECTS

Neural Network Library (2016)

- Remaking a more efficient and reliable Neural Network Library
- Implementation of the library to a XOR gate

Personal Project for the IB program | Neural Network for handwritten digits (2015)

- Coding of an Artificial Neural Network (NN) from scratch
- Creation of a Drawing environment for the handwritten digits
- Implementation of the NN algorithm to the drawing application

Project: Light Seeker | Robotics Club (2014)

- Co-created a small electric car that goes in the direction of a light source in a dark room.
- Assembling and wiring the electrical components
- Writing code for the Arduino microcontroller
- Led the team into accomplishing the project

Relevant small coding Projects (PC)

- Screen Capture application to collect on screen images
- LAN Chat application for family communication
- Speech to Command program to automate tasks by voice

Ongoing Projects

- Implementation of an Evolving Neural Network for the Google's dinosaur game with a classmate
- Application of a Neural Network on my favorite game Rocket League

EXPERIENCE

Supervisor at Elite Summer School Camp (2015)

- Assistant coordinator, corrector and labor worker
- Led small groups of children to their classrooms and to activities
- Organized activities for the children
- Worked as a parking agent from time to time
- Positive feedback from director

- o Recommendation to come back next year

Tutor at Boys and Girls Club (2014 to 2016)

- o Tutored elementary Math, French and English
- o Making study plans
- o assigning homework

Volunteering in Spain at an elderly hospital

- o Kept the elderly entertained by playing board games with them
- o Assisted them when in need
- o Spoke Spanish with them

Volunteering for the fun of helping (2011 to 2017)

- o Involvement in multiple shoreline cleanups in Montreal
- o Entertainer and labor worker at Montreal's Chinese Hospital

EDUCATION

College Saint Louis   **2011 to 2016**
Montreal, Quebec

- o MELS High School diploma (Diplôme d'étude secondaires)
- o International Baccalaureate diploma (IB)

College Marianopolis   **2016 to 2017**
Montreal, Quebec

- o CEGEP
- o Achieved 100% on the Physics final exam (Mechanics)
- o Placed in **Enriched** Mechanics and Chemistry class

University of Waterloo   **2017 to 2022**
Waterloo, Ontario

- o Candidate for Bachelor of applied science, Computer Engineering
- o Placed in the advanced section of the computer programming course

AWARDS

- o Many distinction awards from writing the waterloo's math contest throughout 2013 to 2016
- o Won first place at a basketball tournament at a summer camp during summer 2013
- o Achieved first place at a local mathematic team contest in 2016

INTERESTS

- o Enjoy sports such as Badminton, Basketball and Swimming
- o Passion for Programming especially in the field of machine learning
- o Mathematics, puzzles, contests, etc.
- o Gaming with friends
- o Huge interest in technology: phones, computers, new gadgets, etc.
- o Love learning