Kevin Dong

Phone: (647)971-3553 | k27dong@edu.uwaterloo.ca | Availability: 4 months

SUMMARY OF QUALIFICATIONS

- Proficient in **data structure & algorithm** and their implementations in **Java** and **C++**
- Familiar in data processing and data analysis using **SQL** by taking online courses
- Experienced in **OOP game design** using **GameMaker Studio 2** and **Photoshop** through challenging projects
- Comprehensive knowledge in **Python** and **JavaScript** by taking extra courses outside of school
- Native fluency in **English** and **Mandarin**

RELEVENT PROJECTS

Game Making Contest   2017

- Developed a video game using **GameMaker Studio 2** that allows player to control through a PlayStation controller or a keyboard
- Designed multiple characters and most of the scenarios using **Photoshop**
- Wrote a 11-paged introduction to further increase the depth of the game, including a background story, a control manual, and a reflection about how the project is conceived, programmed, refactored and completed

Game Design Project: *Ludo* (board game)   2018

- Wrote a **Java** program based on the English strategy board game while added original features
- Used data structure to manage information and designed algorithms to keep the program organized
- Received **100%** on the project

Word Processing Application   2018

- Designed a program using **Java** to arrange documents and allows user to edit, save, delete and create entries
- Built a sorting algorithm to manage files in a local disk

WORK EXPERIENCE

Math Teacher, *Top Olympiads Center*, Mississauga   2016 - 2017

- Tutored Math and Physics for over 40 students from Grade 4 to Grade 9 over two school years
- Developed teaching skills during
- Communicated effectively with students from all age groups and established communication between the school boards and students' parents

First Violin, *Mississauga Symphony Youth Orchestra & Oakville Symphony Youth Orchestra*   2013 - 2018

- Participated in more than 20 concerts in five years
- Organized charity events in different communities

AWARDS & CERTIFICATIONS

- Certificate of Distinction (top 25%): Canadian Computing Competition, Euclid, Canadian Intermediate Math Contest, Hypatia, Fermat, Cayley, Pascal
- RCM Grade 8 Violin Certification
- Honour Roll for four years of high school

RELATED COURSEWORK

Udacity:	*Udacity Full Stack Web Developer Nanodegree*	Sep. 2018 - Present
Udemy:	*Design Patterns in C# and .NET, The Complete ASP.NET MVC 5 Course*	Sep. 2018 - Present

EDUCATION

University of Waterloo: Honours Electrical Engineering, Co-operative Program	Expected Apr. 2023

HOBBIES

- Violin & Guitar: Besides from violin I also play classical and acoustic guitar
- Personal Blog: I write articles about university application, stress handling and personal reflections about topical events, music and literatures