

# Poon Kai Alan Fok

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<https://github.com/alanfok/alan606>  
<https://alanwebs.herokuapp.com/>

## SUMMARY OF SKILLS AND QUALIFICATIONS

**Operating Systems** | Windows 7 • Windows 8 • Mac OS • Linux (beginner)  
**Applications** | Microsoft Office: Word • Excel • Eclipse • Visual Studio • Unity(beginner) • Git  
 • JetBrains (Clion, Webstorm, etc.) • Visual Studio Code  
**Programming** | Java • C++ • JavaScript • Python (beginner) • PHP • JavaScript • Html • CSS • MySQL  
 • Node.JS • C# • React JS  
**Other** | GitHub  
**Languages** | French | Spoken • English | Spoken & Written • Chinese (Cantonese & Mandarin) | Spoken & Written  
**Licenses & Certifications** | Valid driving permit

## EDUCATION

**Bachelor of Computer Science – Computer Science Co-op** **2017- 2020 (Expected)**  
 Concordia University, Montreal, QC  
 • Member of the Institute for Co-operative Education  
 • Relevant Courses: Data structure and Algorithm

**DEC in Business & Accounting Management** **2010**  
 Lasalle College, Montreal, QC

## PROJECTS

**ReactJS, Node.JS Project – Apartment Rental System (Personal)** **2019(in progress)**  
 • Creating a website by using ReactJS, Node.JS and MySQL.  
 • Using Express in Node.JS to connect and manage MySQL (Restful).  
 • Using Reacttrap, Bootstrap and CSS for frontend design.  
 • Hosting and deploying on Heroku.

**Java Project – Educational Calculation (Team project - ConUHack)** **2018**  
 • Coded for the project.  
 • Adjusted the layout by using Java Swing.

**Gaming Project – Small World board game (Academic)** **2018**  
 Concordia University, Montreal, QC  
 • Created game by using C++.  
 • Designed MVC structure and used strategy and observer pattern.  
 • Used pointer and reference function to change player status (Player race, coin, etc.)

### Database Project – Company Internal Database (Academic)

2018

Concordia University, Montreal, QC

- Created the web site by PHP and Database by MySQL for company
- Used PHP for the backend to connect MYSQL
- Designed the Database Architecture (BCNF,3NF)

### Web Programming of Project - Apartment Rental (Academic)

2017

Concordia University, Montreal, QC

- Created a website base on using HTML, CSS, Javascript and PHP for login, searching function.
- Designed and implemented Javascript and PHP in html file.
- Received 100% grade for the project.

### Gaming of Project – Pong Game (Personal)

2017

- Created a pong game by using Unity and C#, and Visual Studio
- Implemented a script for the game's object movement.

## WORK EXPERIENCE

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### Software Developer (Internship – 4 month)

CAE Inc., Ville St Laurent, QC

Sept 2018 – Dec 2018

- Modified the existing program (Configuration Manager) able to manage more than one configuration.
- Involved to program in C#, C++, VBS, SQLite
- Modification of the existing program's UI and command line

**Core Competencies:** communication, C# knowledge, problem solving skill, hard worker, fast-learning

### Chef Assistant

Sept 2010 – Sept 2017

Le Gourmand De Szechuan, Saint Sauveur, QC

- Organized tasks in the kitchen
- Food Preparation
- Maintained Sanitation Standards

**Core Competencies:** communication, multi-tasking, teamwork, hard worker, fast-learning

## INTERESTS

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### Experience Abroad

NYC (2014) , US (Planning)

### Sports

Gym and jogging on leisure time.

### Videogame

Love playing videogame, especially Real-time strategy (eg. Age of empire) and FPS(CS:GO)

### Passions in IT

Occasionally watching Udey lectures to understand the modern programming language.

### Passions

Trying to use the new technology language/framework to creates personal projects.

Discover coffee shops and restaurants I have never been.