**FUCHUN CHAI**

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**OBJECTIVE: Junior Developer**

**HIGHLIGHTS OF QUALIFICATIONS**

* Recent graduate of the Computer Programmer Diploma program at Humber College (April 2019)
* Java, J2EE
* SQL
* HTML, CSS, JavaScript
* Linux
* Math
* English, Mandarin

**TECHNICAL SKILLS**

**Programming Languages:** Java, Asp.Net, XML, Shell Scripting, JUnit Test

Proficient in writing code, testing, debugging, and documentation

­**Software:** IntelliJ IDEA, PhpStorm, NetBeans, Visual Studio, Sublime, WordPress, Dreamweaver, GitHub, MS Office (Word, Excel, PowerPoint, Access), SQL Developer, Android Studio

**Operating Systems:** MacOS, Windows 10, Linux, iOS, Android

**Database:** SQL, MySQL, Oracle, phpMyAdmin

**Web Technology:** HTML5, CSS, JavaScript, PHP, XML, J2EE(Servlets), J2EE Servers

**Version Control:** Git, GitHub: <https://github.com/chrischaifc>

**EDUCATION**

**Computer Programmer September 2017 - April 2019**

*Humber College, Toronto, ON*

**Relevant Competencies**

* Developed an intermediate knowledge of relational database concepts and how to interact with databases using SQL
* Experienced in the operation and troubleshooting of multiple operating systems
* Shell scripting: the ability to read, understand, modify and write UNIX shell scripts
* Ability to design classes against requirements, and draw various diagram like sequence diagram, UML diagram, class diagram and etc.
* Proficient in write high quality and well-documented code according to accepted standards based on business requirements in different languages. Mainly focus on Java as the backend language
* Ability to optimize code and design in a way easy to reuse and maintain
* Design and work with multi-tier architectures
* Good at quickly ramp-up on new technologies.
* Proficient in solving Business Mathematics, Statistic, Functions, and Calculus

**Relevant Project Work**

**Android Information Management System**

* This is an app developed using Android Studio and SQLite to collect and store user information.
* Users can enter and modify their information after they sign up and login. Admin user can see all information that has been collected.
* Status is saved whenever rotation is happened.
* Data is passed when switch to another UI.

**Travel Management System**

* This is a project main used PHP and Python.
* User can sign up, login and choose the date and place they want to go.
* Admin user can manage dates and places, assign group to user since the system can find users who have same date and place.Admin user can see and modify user information.
* Used bootstrap for layout design.

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­*Relevant Courses:*

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| * ­Object-Oriented Programming Using Java * Distributed Computing Using Java * Design Pattern and Software Testing * Object-Oriented Analysis and Design * Web Programming and Design * Framework Programming * ASP.NET * Relational Database Design and SQL * Database Administration * Open Source Programming * Mobile Programming * XML * Project Management |

**OTHER EXPERIENCE:**

**Peer Tutor** September 2018 – Present

Humber College Toronto, Ontario

* Tutor students HTML, CSS, JS, jQuery, PHP, Java, Oracle Database.
* Teach and explain math related questions including business math, statistics, calculus, and etc., as well as programming languages at Math Center.

**Chinese Students Interpreter and Tutor** November 2018 – December 2018

Humber College Toronto, Ontario

* Assist professor in classroom as an interpreter.
* Teach students HTML, CSS, and PHP after class.

**Manager Assistant** September 2018 – November 2018

Suon International Academy, Toronto, Ontario

* Support students living problems.
* Coordinate and manage the building facilities, including fire-fighting equipment, monitoring equipment, internet equipment, printing equipment, and etc.

**Project Coordinator** June 2018 – August 2018

S.E.E.D. SUPPORT EDUCATION Inc., Burlington, Ontario

* ­­­Develop courses outlines and ppts of Lego Robotics.
* Teach Lego Robotics to over 50 students.
* Offer training of robotics courses to staff.
* Lead parents Toronto and Niagara tour.
* Supported Students through the whole vocation.
* Coordinate the whole summer camp activities, including lessons, sports, tours, meals, residences, safety issues and etc.

**References Available Upon Request**