CHARLES CHAO YANG

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OBJECTIVE — Seek the position of junior software developer at Your Company.

PROFILE

- Software engineer undergraduate with 5 years of experience in Object-Oriented Programming in Java and 2 years in C++. Prefer tools are XCode, Eclipse, Emacs, and VIM under Mac OS X, and compile and execute with shell (bash) command lines and plugins in Terminal.
- Follow standard software development practice, include the proper use of versioning control (Git and Subversion), and write documentations for software development iterations. Online public repositories are available on GitHub.
- Pursue to offer elegant user experiences by designing simple and intuitive application interfaces, and user interactions. Familiar with UI/UX design and sketch by hand or by software tools.
- Understand abstract programming concepts, patterns, and algorithms, and capable to transform them into concrete executables. Adept to make appropriate design decision base on the efficiency in terms of time and space for the requirements and encountered problems.
- Thoroughly understand conventional data structures, abstract data types, their usage and efficiency.
- Have knowledge of networking protocols, networking applications design.
- Enthusiast of the Web 2.0 standard languages including HTML5, CSS3, Javascript with JQuery, and PHP.

EXPERIENCE

WEB CONTENT COORDINATOR (Internship)   *May to August 2009*
Future Electronics; Montréal, Québec, Canada
- Build internet crawlers and data mining tools with screen-scraping, Javascript, and Curl.
- Research product information and populate product technical attributes to provide customers with rich product contents; and create marketing descriptions for products following a standard protocol by identifying the correct technical collateral.
- Lead a group of commerce undergraduates to review and to classify electronic components and semiconductors base on their categories, supplier specifications and properties.

ENGINEERING INTERN (Internship)   *April to August 2008*
Huatek Software; Xi'an, Shaanxi, PRC
- Provide English/French to Chinese translation of multi-staged softwares development's proposal and requirements.
- Build database access tool and UI with Microsoft Access, deliver post-release corrections, and writing documentations.
- Familiarize with software product development life cycles.

EDUCATION

CONCORDIA UNIVERSITY   *Bachelor of Engineering, Software, (In Progress)*
Montréal, Québec, December 2013

McGILL UNIVERSITY   *Bachelor of Engineering, Electrical, Telecommunication*
Montréal, Québec, December 2009

MARIANOPOLIS COLLEGE   Diploma d'Études Collégiales, DEC, Health Science
Montréal, Québec, June 2006

PROGRAMMING LANGUAGE PROFICIENCY

Compiled Languages: Java · C/C++ · LISP — Declarative: Prolog · SQL — Embedded: PHP · Javascript
Assembly: NASM on x86 Intel Architecture — Others: Ruby · HTML5 · CSS3 · MATLAB · VHDL

LANGUAGE — English · French (Français) · Chinese (中文)

Willing to move or to relocate. Can travel to the US. Canadian citizen. Reference available.