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## Chan Bernard Ki Hong (陳祺康)

Personal data omitted  
in Web version.

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### EXECUTIVE SUMMARY

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A professional Web application developer who has always been keen in keeping abreast of the best practice in software engineering, with extensive exposure to a wide variety of client- and server- side Web development technologies.

Looking for exciting career opportunities in the area of Web application development that allow me to participate in the design and development of sophisticated Web applications, with opportunities to assume some leadership responsibilities in the long run.

A meticulous person fully dedicated to all the jobs taken, striving for excellence through constant improvement and learning, and always willing to share knowledge and expertise with others. I was appointed as moderator at a major online Unix forum for 5 years since 2003. While being primarily involved in various scripting-based environments such as Perl and PHP for Web development for many years throughout my career, I have great interest in enterprise Java technologies that utilize open-source application frameworks as well.

### WORK EXPERIENCE

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GoAnimate Hong Kong Limited — *Hong Kong* 05/2009–Present  
**Web Application Developer**

- In a small-sized team, participated in the development and maintenance of the corporate website as well as the walled gardens for valued corporate clients such as Cartoon Network, on a LAMP platform.
- Provisioned corporate web servers with PHP 5.3 from a new installation and migrated all servers with PHP 5.1 to the new platform, and independently resolved some issues discovered during initial testing such as site crashes with the help of GDB debugger.
- Designed and implemented a Puppet-powered infrastructure for automated deployment of hosted sites across multiple dynamically managed instances at the Amazon Elastic Compute Cloud (EC2) environment.
- Also responsible for the management of digital assets prepared by in-house animators, and streamlined the workflow of asset testing and publishing through development of a few Java-based maintenance tools (CLI/GUI).

Mobile Clusters Limited — *Hong Kong* 01/2006–03/2009  
**Software Engineer**

- Software architect of the corporate VoIP voice infrastructure. Job duties included development of Perl programs for backend processing, integration of SIP servers such as Asterisk and OpenSER, as well as designing other supporting infrastructure for flexibility and scalability.
- Established a flexible infrastructure based on the Spring application framework to power the corporate Web site, utilizing open technologies such as JSP, Apache Tiles and JPA, with round-the-clock monitoring and anomaly alert facilities backed by JMX.

EDI Systems Services Limited — *Hong Kong* 02/2004–12/2005  
**Analyst Programmer**

- Project coordinator who oversaw the integration of two freight forwarding systems (ColdFusion and Java) onto a single platform (PHP5) with limited resources and tight deadline constraints; and participated in subsequent development of new features and refactoring of the resulting code base for better code and higher component reusability.
- Principal architect of the underlying application framework which served as the basis of future development projects, written in PHP with flexibility in mind.

## OTHER EXPERIENCE

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- **Perl 5 Tutorial** 2001–Present  
Wrote a tutorial covering the Perl programming language for free distribution on the Internet. Endorsed as reference material for several postgraduate and undergraduate courses offered by universities overseas, with frequent downloads recorded from behind various international corporations. The second edition featuring vastly expanded coverage is in preparation.

Currently published at <http://www.cbkihong.com/index.pl?op=perltut>.

## LANGUAGE SKILLS

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Native command of Cantonese. Good command of simplified Chinese and Putonghua.  
Good command of English. Particularly adept at reading and writing.

### Certification:

- *International English Language Testing System (IELTS): 7.5/9.0 (May 2003)*

## EDUCATION BACKGROUND

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Bachelor of Engineering in Computer Engineering 2000–2003  
University of Hong Kong

Raimondi College — *Hong Kong* 1987–2000

## TECHNICAL SKILLS

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### Operating Systems:

GNU/Linux, Microsoft Windows

### Programming and Software Development:

Perl, PHP, Java EE, JPA, XML/XSLT, Perl, PHP, Adobe Flex, Unix Shell scripting (e.g. bash, sed), XHTML, Javascript, CSS/DOM, AJAX

### Development and Other Tools:

Eclipse Platform/NetBeans, CVS/Subversion, Make/Apache Ant, Apache/Tomcat/JBoss, Microsoft Access/MySQL

- More than 10 years of experience in Web development with dynamic client- and server-side scripting. Proficiency in coding standards-based HTML and CSS that follow the W3C specifications.
- Keen follower of current industry practice with respect to software engineering (such as OO, MVC and other enterprise design patterns), pursuing clean, well-maintained, secure and reusable code with disciplined testing to strive for quality assurance.
- Basic Linux and Windows system administration, hands-on experience managing a large array of servers with automated configuration and deployment using GNU cfengine and Puppet.
- Familiar with internationalization-related aspects of software development, with experience of developing Unicode-based applications in order to support multilingual user interfaces.

## CAREER EXPECTATIONS

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Expected Salary: HKD\$28,000–\$30,000/month  
Availability: 2 months notice is required