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<http://marcelpad.wordpress.com>

RELEVANT SKILLS

Scripting languages:	PHP, Perl, Python, JavaScript, Shell Scripting.
Markup languages:	HTML, CSS, XML, XSLT, Latex.
Programming languages:	C, C++, C#.Net, Java, Lisp.
Database:	MySQL.
Server:	Apache.
Operating Systems:	Linux, UNIX (Solaris), Windows, MS-DOS.
Software Applications:	Firebug, CVS, Mercurial, Microsoft Source Safe, Microsoft Visual Studio 2003/2005, Microsoft Visual C++, Eclipse.
Software Development:	JQuery, Joomla, Software Development Life Cycle, Object Oriented Programming, Design Patterns, Socket Programming, UML.

EMPLOYMENT

Remarkable Innovation (Singapore)

February 2009–Current

doQer Project Lead (<http://www.doQer.com>)

- Designed the features of the web application and developed doQer from ground up using PHP and the Zend Framework on a LAMP stack.
- Developed intuitive user interfaces with JQuery including the ability to edit manual details in line, and creating styles for manuals previewing them in real time.
- Built a system to automatically convert manuals from Microsoft Word to doQer's internal format, by integrating Open Office to extract data and finally parsing them to our internal format.
- Oversaw the advancement of the web application by setting up a blog, hiring and managing contract staff, and managing relations with key contacts such as Nokia, the Singapore Infocomm Development Authority, and a number of other firms.

Onlinefactor (VIC - Australia)

September 2008–November 2008

Web Developer

- Built five websites in Joomla for Marie Stopes International in Australia to enable easy access and management of their website content.
- Developed a compact framework in PHP to create and plug in modules into an intranet solution; it added to the development by keeping the code manageable and scalable.

B2BE (VIC - Australia)

July 2006–August 2008

Research Analyst

- Analysed product data and business requirements to implement a PHP/MySQL electronic catalogue for Bunnings Warehouse. It accelerated Bunnings' performance by allowing trade professionals to submit purchase orders and integrate them to Bunnings' business system.
- Modified the phpCollab open source project management solution to meet in-house requirements. The changes allowed project managers to track delivery dates and percentage of completion in projects' tasks; improving control over projects and resulting in better customer experience.
- Developed a C#.Net system to receive e-mails and integrate its attachments to a faxing system; moreover it interacted with a MySQL database to send receipts. It faxed large volumes in minutes to facilitate the trading of business documents.
- Gathered business requirements and developed a C++ system with an Ajax web interface to manage the document translation process. The solution adds to the automation and ease of management of the system; stepping up our EDI service levels.

RMIT University (VIC - Australia)

March 2006–July 2006

Casual Staff

- Marked student assignments for the E-Business Fundamental subject during one semester.
- Demonstrated attention to detail checking student essays for mistakes and plagiarism.
- Provided comprehensive written feedback to students.

RMIT Aikido Club (VIC - Australia)

February 2003–February 2007

Secretary (volunteer role)

- Took initiative to create a borrowing system in order to organise the DVD and book collections.
- Performed club administration and produced reports. E.g., processing membership forms, venue booking, development plan, and mid-year reports.
- Collaborated with the club committee to plan for less funding due to VSU; successfully producing fundraising activities and budget restructuring.

EDUCATION

Masters by Research (Computer Science)

February 2006–Deferred

RMIT University

Bachelor of Applied Science (Computer Science) - Honours

February 2005–November 2005

RMIT University

Bachelor of Applied Science (Computer Science)

February 2002–November 2004

RMIT University

ACHIEVEMENTS

- Received Certificate of Accreditation for training conducted by GS1 Australia for numbering and barcoding standards.
- Granted full scholarship for the length of Masters by Research.
- Granted scholarship of 25% from full fees for the first semester of Honours degree.
- Completed Honours thesis entitled “Answer Consistency for Search Engines”.
- Awarded “Recognition of Contribution” from the RMIT Union Sport & Recreation for a significant contribution to the quality in club services for students.
- Entrepreneur of ‘Sweet House’ stall during RMIT’s 2004’s World Week night market; sold out Brazilian pastry and Japanese Fruit Jelly.
- Graded 5th to 1st kyu in Aikido (Japanese martial art).