Resume for Simon A. Roberts

# Biographic

DOB: 08/12/1978

Age: 33

Address: 7 Garnet St, Dulwich Hill, NSW, 2203

Phone: +61-2-80604512

eMail: simon@chronolabs.com.au

Website: http://www.chronolabs.com.au

Linked-In: http://www.linkedin.com/in/simonaroberts

Twitter: http://twitter.com/!#/itswishcraft

# Education

College: Oakhill College (NSW) (1985 - 1996)  
 School Certificate, College.   
Activities and Societies: Music Studies, Art Studies, Physics, Chemistry, IT Studies, Musicals, Chess club, Computer club, French Studies, Health Studies, Sport

Tertiary: Tafe (NSW) (1992, 2003 - 2005)  
 Computer Programming C (1993)  
 Computer Programming Certificate III (2003-2004)  
 Computer Programming Certificate IV (2004-2005)

Skill Tags: PHP, VBA, VBScript, MySQL, JavaScript, HTML + CSS, XHTML, Apache, CentOS, Ubuntu, Debian, Windows 7, Windows XP, Microsoft Office, Dreamweaver, Open Source Software, Open Source, Operating System, Eclipse, XOOPS, CMS, Backend, Frontend, Adobe Photoshop, Themes, Modules, Application Development, SDLC, SOAP, cURL, XML.

Interests: PHP, VB, XML, SOAP, CURL, Music, Art, Maths, Exopolitics

# Projects of Interest

### Xortify.com - Honeypot

Xortify.com is entirely my own work. During the development phases of XOOPS we noticed a lot of inactive signups, that is a signup that doesn't seem to do anything after it has registered with a site. It turns out in our research these where a form of human rights abuse for human assisted bots, where essentially in places like India, brazil and china they have a group of people who are essential slaves that are directed to sign up on sites with a username and password to get past the captchas and then record it in a database that a bot uses to Spam attack on the site. This honeypot uses two other honeypot's as well that include Stop forum spam as well as project honeypot to achieve it objectives. This is entirely my research and work, and in finding over 5 of every 6 signups on a site is a captchas sweat shop.

### Open Source Titles - Google code

http://code.google.com/p/chronolabs

We recently went from hosting our own titles to hosting them on Google Code, all these titles of software and documents are my own work on this site, they are the result of 6 years of development life-cycles on each title. Somewhere developer for Chronolabs Clients at a reduce rate for open source others have been developed to fill in the gaps. Some of the more interesting titles include X-Payment, Xortify, X-Forum, Myalbum-p as well as a range of other titles. There is also a fractal based checksum which is based in complexity which is my number for everything this is called QCP or Quantum Checksum Process, it has 3 variants which are published 64, 71, 135, you can have a look at this for example at this url: http://chronolabs.com.au/qcp64/

### Prochatrooms - Closed Development

http://www.prochatrooms.com

All though you will not be able to download this from our open source titles, this is some of the commercial development I have done for the XOOPS community. Prochatrooms.com approached me to make a commercial title of their software for XOOPS, this took around 1 month and through the development life-cycle we have reproduced their software for commercial purchase for the XOOPS Community. I Can provide you this over email if you need to see it.

### Pageflip - Closed Development

http://www.pageflip.com

There is a demo copy of this available on our open source section of Google Code, however it will only work on localhost. This is a commercial title I developed in response to the community needing a book displaying method for XOOPS, it is modelled on their commercial publishing software and allows users of XOOPS by replace the flash files from pageflip.com with the commercially bought ones to upload pages and maintain books for display on their XOOPS portal.

# Work History (From recent)

### Web Technician [Communication Research Institute](http://www.linkedin.com/company/communication-research-institute?trk=ppro_cprof)Nonprofit; 1-10 employees; Design industry September 2008 – Present (3 years 5 months)

My role is to maintain and upkeep CRI website. This included architectural pressures like web traffic and monitoring of the systems. I have seen Prof. David Sless through several moves of hosting provided up to now where I have moved him to a dedicated service as his domain being 10 years old was beginning to starve resources on shared hosting.  
  
David and the Team at CRI allow for any programming change they need with their site and upkeep of code to demands. I often develop from ground up applications for them including Forums, Content management as well as maintain their existing modular libraries.

This role has also had a level of self management and development of several unique titles for CRI as well as maintain a place in David's business I have also educated him to be self sufficient in his graphic design and routine changes to the look and feel of his site.

Technologies: MySQL, LAMP, SVN, SMARTY, XOOPS, PHP5, PHP4, CPANEL, APACHE, RED HAT, XML, JSON, JQUERY, ADOBE CS SUITE, ECLIPSE

### XOOPS Developer – PHP Role XOOPS FoundationSeptember 2007 – Present (4 years 5 months)

As a XOOPS Developer it is predominately my role to maintain the Core of XOOPS which encompasses the key focus of the distribution archive of the XOOPS CMS. XOOPS is a multibillion dollar CMS and remains one of the popular frameworks for the internet still today. It original based in PHPNuke offers an eloquent code base for people to work from with a form and structure that is easy to follow.  
  
I both maintain an OS Module base which was developed to cover the gaps in the offerings from Xoops as well as being involved and introduction of Licence Keys, Multilingual Support, Multisite, Theme Competitions and being actively involved in this community.

I also contribute with SEO, modules and applications as well as to the core of the application. Currently I have been reverse engineering many MVC and planning for XOOPS 3 which will be a ground up developed MVC. XOOPS is regularly project of the month on Sourceforge and I have won several of their awards including Developer of the Year 2011 and several XOOPS Innovation awards for various additions and titles I have added.

Technologies: MySQL, LAMP, SVN, SMARTY, XOOPS, PHP5, PHP4, CPANEL, APACHE, DEBIAN, CLASS, MVC, ZEND, CODE IGNITER, CAKEPHP, SYMPHONY, DRUPAL, JOOMLA, WORDPRESS, ORM, ADODB, XML, JSON, JQUERY, ADOBE CS SUITE, ECLIPSE

# Work History (From recent)

### Business Owner ChronolabsJune 2006 – Present (5 years 8 months)

I am the business owner of Chronolabs which is a computing based co-op in Sydney Australia. Chronolabs hold a few marketable trading names and several business opportunities for people parked.  
  
We have a domain registered Dirt Cheap Domains and offer professional experience staff to suit all types of roll out for the community and scales to government role out. As the business owner I report to the CEO and central focus of Chronologist of software titles I follow the main stream of release processes and design.

Essentially Chronolabs exists as a foundation for GPL and Open Source licensing in NSW but also operates as a boutique agency for the developers of XOOPS and people wanting websites such as IPTV Stations as well as complex systems of business for ground up development.

We have current reached the end of the SDLC of our product range where I have the option to either seek employment in your business or continue with another 12 months of new series of OS Titles as seen on my Google Code section. Some of the business is consultancy and most of it has been work from home, which means I have a proven track record with self maintaining development of software titles.

Technologies: MySQL, LAMP, SVN, SMARTY, XOOPS, PHP5, PHP4, CPANEL, APACHE, RED HAT, DEBIAN, CLASS, MVC, ZEND, CODE IGNITER, CAKEPHP, SYMPHONY, DRUPAL, JOOMLA, WORDPRESS, ORM, ADODB, XML, JSON, JQUERY, ADOBE CS SUITE, ECLIPSE, WOWZA MEDIA SERVER, WURFL

### Software Developer Web Programmer Pty LtdJuly 2011 – November 2011 (5 months) Sydney Area, Australia

I work part time at Web Programmer as a PHP and other languages developer. My responsibility it to manage my tasks from the project management software and utilise SVN to maintain software repositories for WP Clients.

Technologies: MySQL, LAMP, SVN, SMARTY, XOOPS, PHP5, PHP4, CPANEL, PUTTY, XML, JSON, JQUERY, ADOBE CS SUITE, ECLIPSE

# Work History (From recent)

### Infrastructure Director Open Source Industry AustraliaNonprofit; Nonprofit Organization Management industry November 2010 – November 2011 (1 year 1 month) Sydney Area, Australia

My role was to attend board meetings and make decissions on infrastructure changes and migration plans, there isn't a huge infrastructure in the OSIA but this covers, phones, website, all hardware and software as well as other physical devices.

### Contract VB6 Developer TAG Services.November 2006 – June 2008 (1 year 8 months)

My roles in both instances of the contract were to provide ternary changes to existing code bases for BASWare Procurement systems. This was altering Workflow DLLs, IP Transfer Protocols and several of other business logic changes.  
  
I was also in charge of making changes to existing system for exporting XML Feeds to customers and scheduling system for fax pooling.

Technologies: MySQL, MSSQL, VB6, BASWARE

### Contract Project Developer – PHP Role [SBS Corporation](http://www.linkedin.com/company/special-broadcasting-service-sbs-australia?trk=ppro_cprof)Government Agency; 501-1000 employees; Broadcast Media industry September 2007 – November 2007 (3 months)

At SBS as a contract programmer, I developed multi-lingual systems of dynamic content for shows like Parent Rescue. I was also working on migration and changes to the servers between an older legacy system of servers to a new dynamically hosted system at Hostworks. This migration included the testing and changes to database systems as well as ensuring authentication systems and tunnelling was working.  
  
As well as working on these fundamental functions of the system, I had to make changes to a new CMS system written by another programmer which included structural changes and new functions; this was for sites like Change the World. I also wrote some cron job systems for importing XML into the platform database array.

Technologies: MySQL, LAMP, SVN, SMARTY, XML, JSON, JQUERY, ADOBE CS SUITE, ECLIPSE

# Work History (Continued)

### Contract Project Developer – BA Role Tyco Fire & Security.April 2007 – May 2007 (2 months)

My roles at Tyco, was within 3-4 weeks write a report surrounding duplicate customer entries in there different system of customer recording in Tyco, this was around Mastermind & Pronto Databases, I was to draft a report and presentation to the senior management about the best approach to collating and recording the customer in hierarchy as well as unduplicated utilising QAS QuickAddress and other tools to provide their new CRM Application with a valid source of customers.

Technologies: MySQL, LAMP, SVN, SMARTY, XML, JSON, JQUERY, ADOBE CS SUITE, ECLIPSE

### Contract PHP Developer MyHome - PBL.November 2006 – February 2007 (4 months)

This job entailed cutting of code and development of new routines. My job was to handle data feeds that would stream information from outsourced websites that would upload information into the www.myhome.com.au website and provide with property listings.  
  
I was also to provide consolidated data on the data feeds and write reports such as the guidelines for future development of the website application for PHP, SQL & Other business tools. I also made additions to the code base, such as reports that would provide a dynamic reporting basis that would be a consistent feed of reporting tools like the percentages of times in averages that images would take to process or the basis of suburbs that have been required to be included in the requestion of property advertisements.

Technologies: MySQL, LAMP, SVN, SMARTY, XML, JSON, ADOBE CS SUITE, ECLIPSE

### Contract Web Architect (Marketing Department) TNA Australia Ltd.July 2006 – August 2006 (2 months)

My role at TNA, was a very exciting employment opportunity for me as it allow me more exposure to PHP which is a web language I enjoy working in. TNA are in the process of rearing a new look for their company, including new logos, letterheads, website. They have spent a huge amount of cash on getting a new image, which is part of the function of my job.

Technologies: MySQL, LAMP, SVN, SMARTY, XML, JSON, JQUERY, ADOBE CS SUITE, ECLIPSE

# Work History (Continued)

### Solutions Director Exitstencil Press Pty. Ltd.May 2001 – June 2006 (5 years 2 months)

As a director of an organisation that is primary a scientific company, it is my job to provide the other director and his staff with solutions to their business requirements – mainly software architecture. We now have coverage of broadband solutions to 100% of Australia this includes turn-key satellite broadband from a company in upper Asia to cover the remote areas of Australia Since 2002 we have been developing slowly (only being one programmer, myself) a billing solution for this ISP and any resellers that we may have. This has been dubbed – ‘The Nexus’.   
  
This is currently profiled on one of our websites as source code which is an entire business community on the web. The Nexus consist of a relation database with over 100 tables and more than 2500 fields. This is using MySQL the world leading edge in open source database servers. The website was also developed by me, which consist of primary PHP pages which are much like ASP in it operations and most believe more powerful than ASP.

Technologies: VB6, XOOPS, MySQL, MSSQL, LAMP, SVN, SMARTY, XML, JSON, JQUERY, ADOBE CS SUITE, ECLIPSE

# Work History (Continued)

### Contract Systems Architect Sydney Ferries CorporationFebruary 2005 – March 2005 (2 months)

My role in this position is to design a maintainable environment that support mapping of timetables and service, Staff, Vessel and other such information for the purpose of data entry on service statistics. This system was commissioned to collect and store information in the Ferries Group that allow for future expansion and simulation of proposed services as well as pre-existing ones.  
  
Applications Developed  
  
1. TravelStats  
2. Random Drug Screen Chaos ActiveX DLL

Technologies: MySQL, MSSQL, VB6, BASWARE

# Work History (Continued)

### Analysis Programmer – IIS Division (Fraud Investigation) [Commonwealth Bank of Australia](http://www.linkedin.com/company/cba?trk=ppro_cprof)Public Company; 10,001+ employees; CBA; Financial Services industry July 2004 – October 2004 (4 months)

My role in this short contract was to develop work flow management tools as well as write a complete reporting system for this tool. This project was developed using MS SQL, ASP, VB 6.0 as well a range of other tools. While in this position i was also in charge of implementing a Microsoft NT Server (NT 4.0) and securing this server. I also developed a range of dynamic tools for maintenance and support of this title: Business Systems Request.

Technologies: MySQL, MSSQL, VB6, BASWARE

### Direct Sales Planogram [Dick Smith Electronics Pty. Ltd.](http://www.linkedin.com/company/dick-smith-electronics?trk=ppro_cprof)Public Company; 1001-5000 employees; Consumer Electronics industry November 2003 – July 2004 (9 months)

While working with the wholesale team here at DSE head office it was my responsibility and duty to carry out the following tasks:  
  
• Answer and correspond with email pool.  
• Answer and correspond with phone calls.  
• Process orders.  
• Design stationary.  
• Provide solutions to customer requirements.  
• Analyse processes in department.

### Web Designer Hornsby Rainbow Childrens CircusFebruary 1999 – September 2001 (2 years 8 months)

Working in the children's circus taught me the skills of performance media i missed in drama in college that essential clowning around, tightwire, juggling etc. I had a proactive roll in the circus run by Maximum and Sid.  
  
I designed basic sites for them in the early days of my website development and retraining in this role around circus performers was an amazing experience. Well Maximum was a pleasure to work with and so was Sid and learning the cruxial roles of entertaining for children.

Technologies: MySQL, LAMP, SVN, SMARTY, XML, JSON, JQUERY, ADOBE CS SUITE, ECLIPSE

# Work History (Continued)

### Contract Applications Programmer and Support [Cardlink Services Ltd.](http://www.linkedin.com/company/cardlink?trk=ppro_cprof)Privately Held; 201-500 employees; Financial Services industry January 2001 – April 2001 (4 months)

This role included many different fascists of object development as well as solution to the needs of this fraud investigation company. It included development of the   
B-Pay system as well as software for internal use within the company.   
  
Some of the business objects developed here included Information tracking and auto analysing of fiscal systems to search for patterns of fraud within their MS SQL and mainframe databases. One Business system object also included third party OCX called the Janus Grid Control, this was to provide a solution that had the MS Outlook look and feel.

Technologies: MSSQL, ORACLE, VB6

### Support Officer/Technician [Dick Smith Electronics Pty. Ltd.](http://www.linkedin.com/company/dick-smith-electronics?trk=ppro_cprof)Public Company; 1001-5000 employees; Consumer Electronics industry January 1996 – April 1997 (1 year 4 months)

Level 2 & 3 customer and internal support; Company internal helpdesk on mobile phone, computer’s and computer accessories; Software and Hardware testing;  
• Liaise with other departments in response to customer requests.  
• Fixing problems with machines and programs.  
• Evaluating new machines and software for the product range.  
• Assist in the purchase of New hardware and Software  
• Provided support to other computer labs for development of products.  
• Setup of Support call centre reporting database (uncompleted). This was a new concept to development a new infrastructures inside DSE Support, using intranet technology and Visual Basic Development for management of calls and reporting.  
• General office duties

# Business Referees Personal Referees

Professor David Sless Mr. David Balnaves  
Communication Research Institute david@utopia.cable.nu  
d.sless@communication.org.au +61-408-305733  
+61-412-356795