

Dr Simon D'Alfonso | Resume

Location: Melbourne, Australia

Email: sjdalf@gmail.com

SELECT EMPLOYMENT HISTORY

2013 - 2016

[School of Computing and Information Systems, the University of Melbourne](#)

Research assistant in the Department of Computing and Information Systems at the University of Melbourne. Lead programmer and data analyst for the [MOST psychology/information systems project](#).

Further details:

- Application development in Symfony. Apache, MySQL and PHP.
- Data analytics using Python.

2008 - present

[Semiotic Web Development](#)

I have done freelance work under my business Semiotic Web Development.

Further details:

- Currently working with the hosportal.com project, a rostering and swapping solution for health care administration. Some successfully completed tasks that I have carried out:
 - Conversion of the website to a content delivery network (CDN) and cloud platform as a service (Paas) system
 - Transferral of document management system to Amazon S3
 - Incorporation of Searchify search system
- Responsible for the continued development and maintenance of Presto, the intranet product management system used by leisure product wholesaler [Hunter Leisure](#). I developed this application whilst an employee of [GetStarted](#).
- This operation involves some consultancy work with the [Sentius](#) group.

2007 - 2008

Australian Centre for Science, Innovation and Society

AC SIS was a research centre at the University of Melbourne that carried out research on issues concerning the environment, sustainability and technology.

Further details:

- I was responsible for the creation and management of a set of websites associated with this centre: [Sustainable Melbourne](#), [Sustainable Cities Net](#), [Victorian Eco Innovation Lab](#).
- Sites are run on a LAMP environment. In order to save time and money, it was decided that Open Source software would be used at every opportunity. I was thus required to research, select, modify, integrate and successfully deploy a range of Open Source applications. These included [Wordpress](#) and [Wordpress MU](#) for blogs, [Website Baker](#) as a Content Management System, [PHPList](#) for Newsletter Management, [Simple Machines Forum](#) for a forum and the [Orca Search Engine](#) for the purpose of site-wide information retrieval.

2004 - 2007

[GetStarted](#)

GetStarted is one of Australia's leading web development companies. I was employed by GetStarted as a web application developer for just under two and a half years after my bachelor graduation, with development being done in an ASP/SQL Server environment.

EDUCATION

2009 - 2012 University of Melbourne, PhD (Philosophy).

2000 - 2004, 2006 University of Melbourne, Bachelor of Arts & Sciences. Majors in Philosophy (honours) and Computer Science.

SKILLS & TECHNOLOGIES

Main Languages

- PHP
- Python
- HTML/XML
- CSS
- Javascript (AJAX, jQuery, JSON)
- ASP
- Semantic Web (RDF, OWL, SPARQL)

Web Content Management Systems and Development Frameworks

- Wordpress
- Drupal
- Joomla
- Symfony
- Django

Databases

- MySQL
- SQL Server
- NoSQL

Other

- Web Analytics / SEO
- Windows and Linux operating systems
- Apache and IIS web servers
- C/C++ programming languages
- Java programming language
- Prolog and Mercury languages
- PC assembly and configuration
- Software development tools (Git, CVS)
- Software engineering principles and concepts

REFEREES

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