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Resumé

The latest version of this resumé is available online <<http://lachy.id.au/about/resume>>.

Summary

- Front end web development skills: HTML5, CSS3 and JavaScript (ECMAScript 5).
- Experienced at debugging websites and web browser bugs.
- Some experience with other programming languages: PHP, Python and Java.
- Good at solving problems with an attention to detail.

Web Standards Development

WHATWG (since 2005)

Contributed to the development of the next generation of HTML and related technologies.

W3C HTML Working Group (since 2007)

Contributed to the development of HTML5.

W3C Web Applications Working Group (formerly the Web API WG and WAF WG) (since 2007)

Editor of [Selectors API Level 1](#).

Editor of [Selectors API Level 2](#).

Editor of [DOM](#).

I first joined the W3C Working Groups as an invited expert and then continued as a representative of Opera Software throughout my employment, until subsequently resuming my invited expert status.

Employment History

NoriginMedia

July 2013 – September 2015

Frontend Web Developer

From July 2013, I have been working as a front end web developer for NoriginMedia (formerly AspiroTV, until September 2013). This role included the following responsibilities:

- Front end development of multi-screen video streaming applications built for phones, tablets, PCs and smart TVs.
- Since 2014, lead the front end team and co-ordinate with other teams.
- Certified SCRUM master (since December 2014), managing the development process and workflows.
- Assist with resource planning, estimation and scheduling of development work.
- Code reviews and testing.

Opera Software

October 2007 – January 2013

Core Technology Tester (Quality assurance for front-end web technologies)

From October 2007, I have been working as a core technology tester and specification writer for Opera Software. This role included the following responsibilities:

- Reviewing and contributing to publicly developed technical specifications and web standards within the WHATWG and W3C (Primarily HTML and DOM related).
- Writing technical specifications for internal feature development.
- Writing test cases in accordance with the technical specifications for the features (CSS, JavaScript and DOM) being implemented.
- Reporting bugs in the implementation.
- Checking the integrity of completed tasks from other teams being integrated into the product mainline.
- Checking and verifying the results from automated testing systems.

Communicator Interactive

January 2007 – April 2007

Front-End Web Developer

From the end of January to mid-April 2007, I was employed by [Communicator Interactive](#) as an HTML developer. This role included developing websites for both desktop and mobile environments.

In this role, I developed websites for organisations including [3m](#), [Rexona](#) and [Brown Brothers](#).

Freelance/Contract Work

October 2005 – September 2007

Front-End Web Developer

From October 2005, I worked as a freelance web developer, completing contracts for front end web development. In these roles, I was responsible for writing standards compliant HTML, CSS and JavaScript for each of the websites.

Note: In the years since this work was performed, each of the sites have since been redeveloped by other developers.

These contracts included the following organisations:

CSU Games Technology Site (2007)

Contracted by the then head of the Games Tech course at Charles Sturt University to build their internal course website for use by students.

Blue Cork (2006-12/2007-01)

Contracted by [Blue Cork](#) to build the homepage for [Selectv](http://selectv.com.au/) <http://selectv.com.au/>, and again in January to build a few more pages for the site.

GetMail (2006-06/2006-07)

Built [GetMail](http://getmail.com.au/) <http://getmail.com.au/>

HotHouse (2006-01/2006-05)

I was re-employed by [HotHouse](#) as a contractor to build and maintain the HTML, CSS and JavaScript for 4 new websites for their clients.

Edentiti (Since 2005-10/2006-01)

I have been employed as a contractor with [Edentiti](#) to build and maintain their new website.

HotHouse

June 2005 – September 2005

Front-End Web Developer

I was employed at [HotHouse Interactive](#), initially beginning as a contractor for 1 month, and then continuing for a further 3 months. During this time, I worked on a number of projects, primarily using standards compliant HTML, CSS and DOM scripting techniques.

In this role, I created and/or worked on a number of websites including [Crowne Plaza](#) (related: [blog entry](#)), Holiday Inn, Toyota, Homehound, HCF Eyecare and Omnus. My main job was to convert the designs for these pages (Photoshop images) into markup and CSS.

Office Works (Retail)

April 2005 – June 2005

Loading dock

In this part time role, I worked in the receiving dock, until accepting a full time position at HotHouse. In this role, my duties included receiving, dispatching and logging stock as required. During this time I added to my skills by becoming a qualified forklift driver.

The Farmshed

April 2004 – October 2004

Front-End Web Developer

I was employed at [The Farmshed](#) as a graduate web developer. During my employment, I carried out a number of duties including:

- Designing and developing their new website.
- Maintaining the content of the existing website.
- Handling customer service calls.

The rebuild process for the new website utilised a number of technologies. The back end was developed using J2EE with Enterprise Java Beans (EJB). The Front end was created using JSP and the mark up was written using semantically structured and valid XHTML 1.0 Transitional. All the presentation was handled using CSS, to fully separate the presentation from the content.

Target Country (Retail)

1999 – 2003

Sales floor assistant/loading dock (Casual work)

I learned how to:

- Serve customers quickly and politely
- Organise stock
- Receive and log deliveries
- Perform end-of-day tasks

Orientation Week Leader

February 2003

Volunteer

The role involved assisting with the organisation and running of introductory and initiation activities for first-year university students during orientation week. Attended leadership training as preparation.

Leadership Training

- Skills to promote effective interpersonal communication
- Strategies for problem solving (Solution focussed approach)
- Facilitation small group discussions
- Team work skills
- Organisational skills

Publications

- [Selectors API Level 1 - W3C Recommendation 21 February 2013](#)
- As part of my involvement with the web standards community, I was [interviewed](#) by Russ Weakley of the Web Standards Group for publication on the WSG web site. Although light hearted in nature, the interview covers subjects related to the use and maintenance of standards for web publishing and the ongoing development of HTML5.

<http://webstandardsgroup.org/features/lachlan-hunt.cfm>

- In January 2007, I presented [The Future of HTML](#) at a Web Standards Group meeting in Sydney. The presentation gave an overview of the development of HTML5 and demonstrated many of the new features being introduced.

<http://lachy.id.au/dev/presentation/future-of-html/>

- [Problems of Storing Advanced Data Abstraction in Databases](#)
Kelly Nunn-Clark, Lachlan Hunt, Teo Meng Hooi and Balachandran Gnanasekaraiyer,
Proceedings of the First Australian Undergraduate Students' Computing Conference 2003

<http://www.cs.berkeley.edu/~benr/publications/auscc03/papers/nunn-clark-auscc03.pdf>

Other Experience

Tutoring

March 2003 – November 2003

During my final university year I tutored a first-year student in several subjects including 'Introduction to IT', also covering website design and the internals of operating systems.

I learned how to help the student to improve his understanding of the subject material and to manage schedules.

AUSCC Conference

September 2003

In September 2003, my major project group (Akamai Database) attended AUSCC 03 (<http://www.auscc.org/>), the inaugural Australian undergraduate students' computing conference; to present a paper we have written on storing complex data structures in object oriented databases. This event was held at Melbourne University's Information and Communication Technology centre and provided me with valuable experience in public speaking and improved my presentation skills.

Education

Charles Sturt University, Bathurst

2001 – 2003

Bachelor of Information Technology (graduated May 2004)

Topics studied include:

- Programming in C/C++ and Java
- Website production including XML, XHTML, CSS, JavaScript (ECMAScript) and DOM.
- Website Server Technologies and Maintenance running Apache Tomcat server using Servlets and JSP.
- Database administration including both Object-oriented and Relational.
- User Interface Design
- Using the UNIX environment

Akamai Database Project

February 2003 – November 2003

As part of my IT degree, I completed a major project in a team of four people developing an object-oriented database application for the storage of images and associated data for Akamai, an artificially intelligent vision system.

- Learned about Object-Oriented databases
- Designed and implemented the system using UML design techniques.
- Managed meetings
- Prepared schedules for work progress

- (See AUSCC Conference in the Other Experience section)

Parkes High School

1995 – 2000

Completed HSC with a UAI of 75.35%

A Universities Admission Index (UAI) is a linear ranking of students based on their final year performance at high school and is used to help determine their admission to university.

Achievements

- First Place in Year 12, 2-Unit Computers (2000)
- Distinction in Computer Competition (2000)