Joe Andrieu

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Experience

Founder, Programmer   June 2012 – Present
Amicus   *Santa Barbara, California*

Creator of a Chrome extension for viewing the Standard Information Sharing Label on any website. Using the draft specification for the Standard Information Sharing Label, created a plugin that detects if the current web page has a known label and offers an easy way to view it. Used HTML, JavaScript, CSS, JSON, jQuery, Chrome, git, and github.

Founder, Programmer   November 2010 – Present
ISharedWhat?!? and ShowMeFirst!   *Santa Barbara, California*

Creator of two information sharing simulators for Facebook. I Shared What?!? http://isharedwhat.com uses javascript to request selected permissions from Facebook, showing the user exactly what would be shared with third party websites under those permissions. Show Me First! http://showmefirst.info uses that same javascript approach with the Kynetx browser plugin to add a "Show Me First!" button to the standard Facebook permissions request dialog. As a javascript application, no personal information is ever sent to the server.

Founder and CEO   February 2006 – Present
SwitchBook   *Santa Barbara, California*

Founder of search software company. Invented the core technology, designed and implemented architectural prototype, wrote and filed provisional patent, defined, developed, and executed the business strategy; secured $700,000 in SBIR funding from the National Science Foundation. Managed server engineer, creative director and outside contractors. Prototype is an Internet Explorer toolbar & explorer bar, and stand-alone application, utilizing c++, COM, ATL, WTL, HTML, JavaScript, CSS, JSON, Webkit, Chromium, Chromium Embedded Framework, jQuery, and jsTree.

Principal   November 1996 – Present
Andrieu Engineering   *Santa Barbara, California*

Principal in consulting firm specializing in technology management and strategy.

Developer & Consultant (Contract)   July 2012 – November 2012
OneID   *Redwood City*

Implemented custom information sharing demonstration, highlighting the difference between OneID and Facebook when logging in to websites. Also consulted on and revised developer documentation website, including PHP SDK and demo applications. Used HTML, JavaScript, CSS, jQuery, PHP, git, github, confluence.

Programmer (Contract)   November 2006 – September 2008
Web Loyalty   *Palo Alto*

Maintained Perl-based management interfaces and screen scrapers for online loyalty software company. Technologies: Perl, HTML, JavaScript, PHP, and SQL. Client-side application was a Browser Helper Object plug-in for Internet Explorer, compatible with IE5, 5.5, 6.0 on Windows NT, 95, 98, 98ME, 2000, and XP.

Director of Technology (Contract)   October 2002 – September 2004
NavExcel   *United Kingdom*

Designed, implemented, and maintained the entire technology foundation for Internet adware software company, from start-up to over three million users, including both server-side and client-side technology. Technologies: c++, COM, HTML, JavaScript, PHP, and SQL. Client-side application was a Browser Helper Object plug-in for Internet Explorer, compatible with IE5, 5.5, 6.0 on Windows NT, 95, 98, 98ME, 2000, and XP.

Internet Strategy Consultant and Producer (Contract)   November 1997 - December 1999
Movo Media   *Los Angeles, California*

Internet consultant for voice-mail dating services company; creator and producer for a first-tier online dating service, *Dating.com*, which transitioned the leading 1-900 audio-personals company onto the Internet and eventual acquisition by the market leader in 1-900 back-office services. Website implemented using Cold Fusion by in-house team.

Co-Founder, President   November 1999 – September 2004
Realtime Drama   *Santa Barbara, California*

Co-Founder and president for interactive games company focused on patent-pending interactive story technology. Invented the core technology and defined, developed, and executed the business strategy from seed funding of $400,000 in 1999 to investor relations through 2000 and multi-year efforts to secure federal ATP and SBIR grants. Produced and developed mobile phone game Mnemo for the BREW platform, released on eleven handsets and distributed by Verizon and others. C++, ARM, BREW.

Education

California Institute of Technology   **Bachelor of Science in Engineering and Applied Science**
Pasadena, CaliforniaElectrical engineering, computer science, and entrepreneurship.

Executive Education

Caltech Industrial Relations Center
Pasadena, California   *Executive Management Certificate Program*
http://www.irc.caltech.edu   *Project Management Certificate Program*

Southern California Entrepreneurship Academy
Long Beach, California http://www.scea.net

Technical Skills

Current Languages: C++/C, Javascript, CSS. HTML, RDF, Perl, PHP, XML, JSON

Current Platforms/Libraries: Web, Windows, ATL, WTL, COM, Redland RDF, jQuery, jsTree, Confluence, Webkit, Chromium, Chromium Embedded Framework, Internet Explorer (plugins and BHOs), Kynetx, Visual Studio, Arduino. Familiar with Firefox and Chrome plugins. RESTful APIs and programming techniques. Learning node.js. Some Drupal.

Familiar Languages/Technologies: SOAP, Linux, SQL, Java, Lisp, BREW, Assembly (8086, z80, 68000), FPGAs

Past Certifications: Former Certified Project Management Professional (PMP) from the Project Management Institute (http://pmi.org)

Non-Profit Leadership

Kantara Initiative   **Information Sharing Work Group (ISWG) Co-Chair**
Co-leader of group creating a contract-based approach to standardizing user-driven terms of use for online information sharing. Responsible for running meetings, setting long term and immediate agendas, overseeing work of volunteers and delivering various work products including requirements, legal deal points, creative briefs and conceptual diagrams.
http://kantarainitiative.org/confluence/display/infosharing/Home

Personal Data Ecosystem Consortium   **Startup Circle Member**
Contributor to emerging organization's entrepreneurial board of advisors. http://personaldataecosystem.org

Publications, Presentations, and Awards

Andrieu, "The Standard Information Sharing Label" ISWG Draft. Kantara Initiative. April 2012 and continuing. Online at http://kantarainitiative.org/confluence/display/infosharing/Standard+Information+Sharing+Label

Andrieu, "Search document generation and use to provide recommendations." US Patent #8,005,832. Issued August 23, 2011

Andrieu, ShowMeFirst!, Best Facebook App Award, Kynetx, May 2011

Andrieu and Turpin, Introducing Portable Contexts. Online. http://portablecontext.org May 2011

Andrieu, Personal Request For Proposal(pRFP) Engagement Model. ISWG Report. Kantara Initiative. December 6, 2010

Andrieu and Clark, eds., The Information Sharing Report. ISWG Report. Kantara Initiative. December 6, 2010

Andrieu, "Open platform for semantic search". TECP Supplemental Award, National Science Foundation, Amendment to Award #IIP-0740861, 2010

Andrieu, Net Neutrality. Super Santa Barbara 2. January 2010.

Andrieu, "Open platform for semantic search". SBIR Phase II Award, National Science Foundation, Award #IIP-0858990, 2008

Andrieu, "Open platform for semantic search". SBIR Phase I Award, National Science Foundation, Award #IIP-0740861, 2007

Andrieu and Rawlings, "Interactive Personal Narrative Agent System and Method." US Patent # 7,246,315. Issued July 17, 2007

Gregston and Andrieu, "NOAA Premium TV Program" SBIR Phase II Award, Department of Commerce. Award ID #72454. 2006

Gregston and Andrieu, "NOAA Premium TV Program" SBIR Phase I Award, Department of Commerce. Award ID #72454. 2005

Andrieu, "Interactive Aristotelian Drama Through Hypothesis Resolution: Addressing experience in the definition of interactive drama," Challenges in Game AI workshop at the American Association for Artificial Intelligence conference, 2004, invited talk.

Rawlings and Andrieu, "Player-Protagonist Motivation in First-Person Interactive Drama," Proceedings of the Technologies for Interactive Digital Storytelling and Entertainment (TIDSE) Conference, 2003, paper and presentation

Andrieu, "Encoding Sequence of Rules for Coordinated Collective Building," Summer Undergraduate Research Fellowship (SURF), Caltech, 2001 also Semifinalist, Doris S. Perpall SURF Speaking Competition.

Andrieu and Rawlings, "Interactive Personal Narrative Agent System and Method." Patent # 7,246,315.