

AARON A. HARDY

WHAT I DO I lead teams in building dynamic, robust online applications. This includes (1) collaborating with product management, UXD, and clients in gathering requirements and designing a delightful user experience, (2) researching and selecting industry-leading technologies, (3) architecting and implementing applications, and (4) managing engineering resources, team interactions, bug queues, and related items.

EXPERIENCE **Adobe | Software Engineer, Team Lead**
Mar 2011 – Present (Lehi, UT)
Leading front-end engineering of SiteCatalyst, Adobe's flagship web analytics product. Providing architecture oversight, training, and implementation of single-page applications using AngularJS, Backbone.js, RequireJS, jQuery, CSS precompilers, and Grunt build processes. Fixing a vast number of bugs in legacy server-side code and building a better future for my posterity by adding tests, hardening code, and improving APIs.

Contributing to the Adobe Marketing Cloud data visualization and component libraries.

Led front-end redesign and rewrite of SearchCenter, the industry leader in search marketing management.

Rain | Sr. Software Engineer, Tech Lead
Jul 2008 – Mar 2011 (American Fork, UT)
Led engineering of applications for digital agency clientele. Main product categories included:

(1) Consumer product personalization editors heavily leveraging ActionScript for rendering and editing, SVG and FXG for persistence and printing, Flex with Robotlegs for user workflow, and Amazon EC2 + S3 for services and asset management. Key contributor to Watercolor, an open-source web-to-print product design platform (watercolor.mediarain.com).

(2) Music training software using a custom-built music notation rendering engine leveraging ActionScript and MusicXML synchronized with audio/video playback and USB MIDI keyboard input. AIR was used as the user interface runtime and integrated with a custom AIR-Java bridge for gathering MIDI input and synchronizing A/V signals. Playground Sessions (playgroundsessions.com), inspired by YouTube sensation David Sides and co-created by Quincy Jones, was featured in TechCrunch, USA Today, Mashable, and FastCompany.

EnticeLabs | Software Engineer
Sep 2007 – Jul 2008 (Provo, UT)
Early member of small tech startup developing a recruitment advertising platform in Flex.

Previous Work | Software Engineer
2000 – 2007

ExxonMobil	BYU Broadcasting	Yello Networks	Freelance
Novell	Vermotion	ComTech	

SKILLS	Current	Previous
	JavaScript	Flex
	HTML	ActionScript
	CSS	AIR
		Java
	AngularJS	PHP
	Backbone.js	ASP.NET
	RequireJS	Spanish
	jQuery	

EDUCATION **Brigham Young University | Master of Information Systems Management (MISM)**
Brigham Young University | Bachelor of Science in Information Systems
Cum Laude; Marriott School Dean's List; 3.9 GPA

OTHER Served as a Spanish-speaking missionary in Ecuador for two years.
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