Adam Lassy
Interactive Engineer

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OBJECTIVE	Interactive engineer and designer with over 10 years experience developing internet software solutions and over 3 years experience designing and building physical computing applications.		
PROFESSIONAL EXPERIENCE	5/2010-	**Collective**	Los Angeles, CA
	As contractor, developed front end, CMS solutions for clients of Los Angeles design firm.		
	6/2009-9/2009	**Machine Project**	Los Angeles, CA
	Intern at a non-profit technology gallery space, hired to automate a set of moving bookshelves. Project required designing and implementing both the mechanical and electronic components.		
	6/2006-1/2009	**www.3jam.com**	New York, NY/ San Francisco, CA
	As a fulltime senior engineer and designer, created a WEB interface for a multi-person, SMS system. 3jam was the first "reply-all" text messaging system of it's kind, working across all mobile carriers. • As one of two engineers in the startup company, architected and implemented many applications for the innovative text messaging system. • Designed a PHP/MYSQL interface with the core SMS software. • Created Facebook and Myspace applications to interface and virally enhance our product.		
	8/2004-7/2006	**Siegle and Gale**	Los Angeles, CA
	Contract Software Developer		
	As an independent contractor, developed a .NET database driven web site for U3 (www.u3.com) data storage company. • Designed CSS front end • Designed the SQL2000 database and stored procedures		

	• Created architecture using ASP.NET with C# Migrated CureSearch (www.curesearch.com), a children's cancer advocacy site, to .net framework.		
	5/2002 – Present	**Mr. Independent**	Los Angeles, CA
	Contract Software Developer As an independent contractor, developed applications for www.mrindy.com (not accessible w/o login): • Completely designed and developed a Business To Business E-Commerce application for Mr. Independent, a bulk foods distributor. • The system allowed for both consumer and administrator users with varying permissions to log in to the system and view sales offers, order online, track commissions, create and edit catalogs of information, print reports as well as many other activities. • Featured an ASP front end and MSSQL 2000 backend Currently working with Mrindependent.com to add new functionality to the site.		
	7/1998 – 12/2003	**Envision Group**	Los Angeles, CA
	Senior Programmer Senior programmer at large internet company for over 3 years. Responsibilities included: • Architecting and leading development on a number of web sites • Interfacing with clients • Managing other programmers on various projects • Developing software testing schedules and routines Lead programmer on sites, including the following: www.neutrogena.com • Created MSSQL Server database architecture for site as well as database stored procedures access • Developed COM backend to handle all calls to stored		

	procedures. COM objects delivered date dependent content to all pages of site, and also handled a customer database of information gathered from the site • Front-end featured use of CSS to create intuitive, pop-up menus www.budnascar.com • Programmed functionality of Nascar racing fantasy game, including a scoring routine which runs weekly to generate player's scores. • Site ran on AOLServer w/ tcl backend and an Oracle DB • Included an animated left navbar created with CSS and javascript. www.Samsungfn.com • Developed a virtual stock trading game (This is not currently available on the site), which allowed users to create a simulated stock portfolio, by executing trades and sells using real time prices • This was developed for Netscape Enterprise Server, using Server Side Javascript as a backend Database storage was handled with an LDAP directory server, which was interfaced with a previously written C dll, which I called from SSJS backend		
EXHIBITED WORKS	*details featured on www.adamlassy.com		
	5/2010	**Maker Faire**	San Mateo, CA
	"Living Shade", Interactive light facade		
	5/2010	**ITP Spring Show**	New York, NY
	"Ikea Robotics"		
	12/2009	**ITP Winter Show**	New York, NY
	"Dynamic Ground", Interactive architecture		
	5/2009	**ITP Spring Show**	New York, NY
	"Deforming Grid", Kinetic sculpture		
	3/2009	**CHI Conference**	Boston, MA
	"Living Shade"		
	12/2008	**ITP Winter Show**	New York, NY
	"Living Shade"		

	10/2006	**Park Projects**	Los Angeles, CA
	"Sunday in the Park on a Friday Night", Interactive architecture/performance		
SKILLS	**software**	Extensive professional experience in front and backend web development: PHP, HTML/CSS, ASP, JAVA, MYSQL Graphics programming in Java/C using Processing, OpenFrameworks	
	3D design	Rhino, Autocad, SketchUp	
	fabrication	wood and metal fabrication, designing and sourcing small structural systems from hardware, extensive use of laser cutter	
	physical computing	Mostly Arduino based, some PIC. 2+ years prototype-level electrical engineering	
	mechanical engineering	Sourcing motors and other hardware, designing motor mounts and drive systems, laser cutting gears	
EDUCATION	University of California, San Diego **B.S. in Computer Science**		
	New York University, Tisch School of the Arts **Masters in Interactive Telecommunications**		
	Southern California Institute of Architecture (SciARC), Los Angeles 1 year of Masters of Architecture program		