

Jonathan S. Knoll

Professional Experience

LEAD DEVELOPER (Consultant)

[Information Architecture Institute](#) (Mar '09–Present)

- ⇒ Currently working on improving Institute's web presence, starting with the [IDEA2009 Conference](#) website.
- ⇒ Links: [IDEA2009 Conference](#)
- ⇒ Technologies: HTML/XHTML/CSS; Ajax/JSON; PHP; jQuery; Photoshop

SENIOR INTERFACE ENGINEER (Consultant)

[Schematic](#), New York, NY (Feb '09–Jul '09)

- ⇒ About to complete third engagement, building front-end templates for agency's major corporate clients.
- ⇒ Built fully interactive HTML/CSS templates for multiple projects, followed by integration of these templates into .NET architecture.
- ⇒ Co-developed fully functional prototype for use in UX trials.
- ⇒ Links: [LaneFurniture.com](#), [BroyhillFurniture.com](#)
- ⇒ Technologies: HTML/XHTML/CSS; Ajax/JSON; PHP, ASP.NET; jQuery; Photoshop

USER EXPERIENCE CONSULTANT

[Night Agency](#), New York, NY (Apr '08–Jun '09)

- ⇒ Initially brought in to create wireframes and design the experience for a major mutual fund company's website.
- ⇒ Repeat engagement, on a per-client basis, assisting in creation of wireframes and conceptualization of out-of-the-box user experiences.
- ⇒ Educated and advanced user experience and web interaction paradigm.
- ⇒ Provided UX Strategy and IA deliverables for [VanKampen.com](#), [FilenesBasement.com](#), and [Purex.com](#).

SENIOR WEB DEVELOPER (Consultant)

[Time, Inc.](#), New York, NY (Jul '08–Dec '08)

- ⇒ Had enviable role of roaming gnome, working on most titles on an as-needed basis; these included: Real Simple, Health, InStyle, MyRecipes, and MyHomeIdeas.
- ⇒ Primary front-end developer for [RealSimpleRealLife.com](#), [Recipes.Health.com](#), [TVFan.EW.com](#) (discontinued).
- ⇒ Educated and advanced user experience and web interaction paradigm.
- ⇒ Technologies: HTML/XHTML/CSS; Ajax/JSON; Ruby/PHP; JavaScript; YUI/jQuery/MooTools

SENIOR INTERFACE ENGINEER (Consultant)

[IconNicholson](#), New York, NY (Nov '07-Jul '08)

- ⇒ Developed front-end solutions and prototypes for multiple concurrent projects in disparate environments.
- ⇒ Assisted in implementing variations of front-end code for Valspar Paint website, and developed new front-end HTML/CSS/JSP templates for their Cabot Stains website.
- ⇒ Front-end development using HTML/CSS/JavaScript for various clients including MasterCard, Regeneron, and Robin Hood.
- ⇒ Links: [Valspar](#), [Cabot Stains](#), [MasterCard En Español](#), [MasterCard Worldwide](#), CAPS Online Education Network (discontinued)
- ⇒ Technologies: HTML/XHTML/CSS; Ajax/JSON; JSP & ASP.NET; Interwoven; Python; Photoshop

LEAD WEB INTERFACE DEVELOPER (Consultant)

[Bright Pages, LLC](#), New York, NY (Oct '07-Feb '08)

- ⇒ Short-term engagement as principal web interface developer for their [brightpages.com](#) product.
- ⇒ Implemented HTML/CSS/JavaScript in JSP and GWT environments for early development of their 2.0 site.
- ⇒ Technologies: HTML/XHTML/CSS; JSP; JavaScript; Prototype + script.aculo.us; Photoshop

INFORMATION ARCHITECT/USER EXPERIENCE LEAD (Consultant)

[Standard & Poor's](#), New York, NY (Feb '07-Oct '07)

- ⇒ Was engaged as UI/UX design and technology expert for top-tier rating agency's overhaul of one of the ratings process management system.
- ⇒ Created mockups and built functional front-end prototype for an in-house reporting web application.
- ⇒ Conducted reviews and provided recommendations for user interface changes for multiple stand-alone and web applications.
- ⇒ Technologies: UI/UX analysis; JavaScript; HTML/XHTML/CSS; Photoshop

WEB INTERFACE DEVELOPER/INTERACTION DESIGNER (Consultant)

[Standard & Poor's](#), New York, NY (Aug '06-Jan '07)

- ⇒ Built functional prototype, HTML templates, and CSS stylesheets for new eCommerce product, using wireframes and Photoshop mockups alone.
- ⇒ Advised and implemented shift in web development paradigm for future of [Advisor Insight](#) product, by modeling a front-end interface which could mimic variable back-ends with minimal interaction between.
- ⇒ Worked on extending cross-browser compatibility for their various web applications.
- ⇒ Began work on addressing ADA accessibility concerns for certain web applications.
- ⇒ Links: [Advisor Insight](#)
- ⇒ Technologies: JavaScript using prototype & DOM scripting; HTML/XHTML/CSS; Photoshop

INFORMATION ARCHITECT/WEB DEVELOPER (Consultant)

Lawrence Family JCC, JACOBS FAMILY CAMPUS, San Diego, CA ('04-'06)

- ⇒ Completely redesigned and restructured website with focus on standardization and modularization, and implementation of dynamic content.
- ⇒ Shifted large portions of the site to purely dynamic content, using PHP and MySQL.
- ⇒ Created first Admin interface (PHP) to allow layman updates to website.
- ⇒ Links: www.lfjcc.org // sdcjc.lfjcc.org // jpride.lfjcc.org // [Camp Jaycee](#)
- ⇒ Technologies: PHP; Python; MySQL; JavaScript; HTML/XHTML/CSS; Acrobat & Photoshop

TEST & PRODUCT DEVELOPMENT & DESIGN (Consultant)

RoyaltyShare, Inc., San Diego, CA (Summer '06)

- ⇒ Initiated first broad testing program for royalty tracking system website, and wrote scripts for automated testing and analysis of website.
- ⇒ Worked directly with CTO in testing and guiding future product development of Royalty Tracking System.
- ⇒ In process of creating comprehensive test plans and completing product specification documentation.
- ⇒ Technologies: MySQL; Python; JavaScript; HTML/XHTML/CSS; XML; Black & White Box Testing

SOFTWARE TEST ENGINEER (Consultant)

Sligo Computer Services, Inc., Remote ('05-'06)

- ⇒ Initiated first testing program for [Maryland Report Card](#) website, and wrote scripts for automated testing and analysis of website.
- ⇒ Began implementation of first bug-tracking system for multiple projects.
- ⇒ Technologies: Python; HTTP; XML; Expertise in HTML/XHTML/CSS

SOFTWARE TEST ENGINEER (Consultant)

Ankura, Herziliya, Israel (Summer '00)

- ⇒ Set up and maintained several test machines, created first database for bug tracking, and performed black and white box testing of their *MIXM* product.
- ⇒ Increased product performance and functionality through analysis and fine-tuning of its DHTML code.

PRODUCT DEVELOPMENT/CAMPAIGN MANAGER/EXTRANET DEVELOPER

eZula, Inc., San Francisco, CA (Apr '01-May '02)

- ⇒ Worked with Executive Team in design, development, and implementation of both the user-interface (web) and back-end (database) for their *ezManager* extranet client application.
- ⇒ Developed and tested various components of *ezManager* application.
- ⇒ Worked directly with principle software architects to push forward *ezManager* development.
- ⇒ Technologies: SQL/Access; VBScript/JavaScript; ASP/ADO; HTML/XHTML/CSS

CONTENT ENGINEER/CATALOG ANALYST

EoExchange, Inc., San Francisco, CA (Apr '01–May '02)

- ⇒ Created tools as well as a testing suite for Content Team, and developed automation scripts for tracking and monitoring of content, as well as for delivery of e-mail notifications.
- ⇒ Designed, developed, and maintained Team's Intranet, and managed over a dozen separate databases on several machines.
- ⇒ Technologies: SQL/ObjectStore; VBScript/JavaScript/Perl; ASP/ADO; HTML/XHTML/CSS/XML

Skills

EXPERIENCE DESIGN AND APPLICATION DEVELOPMENT

- Experience Design: Prototyping (Paper & HTML prototyping), wireframing, design patterns, contextual inquiry, User-centered design (UCD), UX strategy
- Social Media: Social media strategy, social experience design (SxD), social networking sites, Twitter API
- Standards & Accessibility: Web standards, accessibility, ADA standards, Search Engine Optimization (SEO)
- Programming Languages: Python, PHP, JavaScript, Ruby, Perl, T-SQL, Visual Basic, VBScript, WSH
- Web Development Tools: PHP, ASP, Ajax, ADO, XML/XSLT, HTML/XHTML, CSS, DOM/client/server-side scripting
- JavaScript Frameworks: YUI, jQuery, Prototype, MooTools
- RDBMS: MySQL, Microsoft SQL Server 7.0/2000, Microsoft Access
- OS/Platforms: Windows 9x/NT/2000/XP/ME/2003, Unix/Linux, Mac OS X, DOS
- Testing: Black & White Box testing, test-automation scripting
- Productivity: Comfortable with most Microsoft & Adobe/Macromedia applications, OmniGraffle

ACADEMIC AND ANALYTICAL

- Primary, secondary, library, and Internet research
- Analytical and professional writing and editing
- Proficiency in Hebrew: Read/Write

Education

UNIVERSITY OF CALIFORNIA, SAN DIEGO MA, *Computational Political Science*, Spring '05

MICHIGAN STATE UNIVERSITY HONORS COLLEGE BA, *With Honor*, May '99

HEBREW UNIVERSITY OF JERUSALEM Israel, Aug '97–Jun '98

Useful Links

LINKEDIN PROFILE: <http://infinityplusone.com/LinkedIn>

ONLINE RESUME: <http://infinityplusone.com/resume>