

JC NOLAN – jc@jcnolan.com

OBJECTIVE:

Senior Programmer/Analyst, Project/Product Manager, Producer

WHAT I AM:

I am a catalyst – an extremely hard working and creative team player. I make things work. I make things go fast. I make things powerful and flexible and have an intuitive sense for where that bug lies and a knack for squeezing every last ounce of power out of whatever environment I encounter. I am not just a set of skills, though I have many. I am a leader, designer and problem solver and readily learn whatever skills are needed to accomplish a task. I am a hard-working and dedicated creative force determined to make a lasting contribution.

CORE SKILLS:

Web/Mobile/OSX:

Swift 5, Xcode, OSX, Cocoa, LAMP, PHP/MySQL, c/c++, JavaScript/jQuery, Ajax/Restful, Java/JSP/Java Servlets, CSS, XML, DOM, UI/UE, iOS, Perl, CMS (Drupal / Wordpress), Mobile application development. Design Media (Photoshop/Illustrator/Dreamweaver)

Product Realization:

Visioning, Conceptualization, Design and Management. Social Media and Promotional Strategy, Branding, Product Photography (Editorial/Commercial) and Collateral Development
Product Evangelism and Change Management

Unix/Windows:

RHEL, FreeBSD, X-Windows
Artificial Intelligence / Knowledge Engineering strategies, Unix Systems Administration
OO technology, OA/OOD/OOP – Agile/SCRUM lifecycle methodologies

PATENTS / AWARDS / PUBLICATIONS:

"Method and apparatus for improved information transactions" – #7,536,561 (ebruary 2002)

"Method and apparatus for hierarchical isolating of textual regions" – #8,015,418 (ebruary 2003)

"Method and apparatus for real time lexi-molecular text analysis and navigation" – #8,280,878 (ebruary 2010)

"DBED Technology Challenge Grant" (MD Department of Business and Economic Development 1999)

"Creating Origami: An Exploration into the Process of Designing Paper Sculpture" (Lapin Publ. 1999 / 2012)

"Xerox Design for Excellence – Database Publishing in PostScript" (Xerox, 1999)

EDUCATION:

Sc..B, Cum Laude, Computer Sciences, University of Maryland

Certificate Fine Arts, University of California, Santa Cruz

Certificate Mobile and Web UE/UI Design, University of California, Santa Cruz

Certificate Photographic Arts, DeAnza College, Cupertino (pending)

EXPERIENCE:

WKID Group (stealth start-up) – Principal Engineer / Architect

7/2017 – 3/2019

Lead designer/UE of AI-based future-seeking personal data management system for agnostic tracking of user behavior on the OS level in OSX to optimize data acquisition, retention and retrievability across all apps, uses and personal data. Swift 5, Cocoa, OSX, HTML, CSS, UX/UE, visualization, Xcode.

Cafebonappetit – Senior Tools Engineer

6/2016 – 7/2017

Responsible for general updating and bringing 50,000 user internal site to new technological standards of excellence with regard to design, scalability, veracity and UX/UI strategy. Linux, CodeIgniter, LAMP, PHP, CSS, Responsive Design, JavaScript, jQuery, git, Jira.

Apple – Senior Software Engineer, Financial Technology

6/2014 – 11/2014

Designed and implemented tools for streamlining the tracking and monitoring of various internal functions including project management and finances. Executed extensive testing on existing code bases using xUnit/PHPUnit and associated dashboards with an eye for design and structural re-optimization. Wrote design and implementation specs for new projects and worked with UED members to refine and implement prototypes for systems using responsive design including a new promotional website for use in both kiosk advertising and new user acquisition on OSX, iPad, iPhone and other devices. LAMP, PHP, CSS, JavaScript, JQuery, CodeIgniter, Responsive Design, xUnit, PHPUnit

Lapin Publishing & Design – Chief Technologist / Producer (Consulting)

2012 – Present

Key developer and producer for record setting crowdsourcing effort as most over-funded art-book publication in Kickstarter history realizing \$19,000 on a \$900 target. Engineered promotion strategy, look and feel, associated cobranding and social media (twitter, Facebook, Pinterest, WordPress) and associated SEO. Developed technical solutions solving common pitfalls in distribution and fulfillment in support of international contributors; acknowledged as best and most creative solution to date requiring strategic utilization of Amazon Web Services resulting in an shift of payment compliance from 35% to 80% directly into Kickstarter funding accounts with associated back-end tracking of accounting and associated reporting system integrated with USPS/AWS. Also developed secured delivery software for logging in and tracking of delivery of contributor rewards. LAMP, PHP, Amazon Web Services, SEO, PDF, Social Media

Ebrary – Senior Tools Engineer / R&D (Contract)

2000 – 2006 / 2008 – 2012

As Senior Tools Engineer I was responsible for producing POC prototypes. Involved all aspects of the design/development process: UI, backend and overall schema design for various tools utilized for large-scale multi-tier data research and analysis and resulted in two successful patented technologies. LAMP, PHP, GD, JavaScript, Ajax, Flex, CSS, Flex/Flash, Subversion

Yahoo! – Senior Software Engineer, Abuse Prevention Group (Contract)

2008 – 2010

Acted as principal programmer / engineer for critical security web service utilized by Yahoo! Included invention of a plugin-based strategy and architecture to allow for on-the-fly integration of new security features and methodologies in real-time without the need for a standard release cycle. Allowed for dynamic resolution and tracking of newly discovered security breaches saving 100's of hours of critical time event resolution. Served as overall technical and professional contact for the product evangelizing integration / acceptance throughout various Yahoo! properties. LAMP, PHP, JavaScript, Ajax/Restful, YUI, CSS, RHEL 5, Perl, JMeter