

# Jennifer W. Nelson

<http://jennifernelson.io>  
<http://github.com/jwncoexists>  
<http://codepen.io/jwncoexists/>

12687 Gibraltar Drive  
San Diego, CA 92128  
[jwncoexists@gmail.com](mailto:jwncoexists@gmail.com)

858.705.3201 **M**  
858.673.9031 **F**

## Technical Summary

- Ruby, Rails
- JavaScript
- Relational & NoSQL DBs
- Node
- HTML
- CSS, SASS
- AngularJS
- C, C++
- jQuery
- Susy & Masonry Grids
- PostgreSQL
- SQL
- Git
- Bootstrap
- BDD/TDD
- Cucumber
- RSpec
- Capistrano
- Karma
- Mocha
- Redis

## Professional Experience

**Acxiom Corp., Austin, TX**  
*Senior UI Engineer*

August 2015 – Present

Responsible for reviewing design requirements, creating screen mock-ups, and implementing them in front-end code using various web technologies including AngularJS, Javascript, HTML, CSS, LESS. Create unit and end-to-end tests for all code.

**Nelson Software Consulting, San Diego, CA**  
*Software Developer*

September 2013 - Present

Develop Ruby on Rails and MEAN stack web applications. Projects I've developed include:

- Ruby on Rails full-stack personal blog site (<http://jennifernelson.io>)
- Ruby on Rails full stack E-learning site (<http://strategichr.drbohnelson.com/>) PostgreSQL, JQuery, Javascript, Cucumber, RSpec, AWS, user authentication & membership, emails, and Resque background processing.
- Ruby on Rails Reddit-like site (<http://jwn-bloccit.herokuapp.com/>) PostgreSQL
- Ruby on Rails Wiki-like site (<http://digginit.herokuapp.com/>) PostgreSQL
- Ruby on Rails Project Management App (under development)
- MEAN Stack wedding planning site (<http://ujkk16f38f93.jwncoexists.koding.io:9000/> currently under development)
- MEAN Stack USMC Company site (<http://usmc-tbsa168-reunion.org/>)
- MEAN Stack Crowd-Sourced Translation Application (finalist in a Hackathon)

**DR Systems, San Diego, CA**  
*Manager of Project Management*

July 2004 – November 2013

In charge of project management department responsible for the implementing medical imaging solutions at customer sites. Responsibilities include staffing, financial forecasts, definition of departmental goals and procedures, managing personnel, and day-to-day operations.

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## **Symposium Online Training, Vista, CA** *Information Technology Manager*

February 2003 – February 2004

Designed and managed IT infrastructure and website for online training company. Improved efficiency with design and development of an internal learning management system, assisted with proposals and demonstrations for the sales and marketing departments.

## **Nelson Motivation Inc., San Diego, CA** *Software Specialist*

June 1997 – February 2003

Designed, developed system to estimate shipping costs for the warehouse. Maintained customer databases and developed successful e-mail marketing campaigns. Set up and maintained computer network and software. Designed, developed and maintained company website. Designed and created the largest selection of e-documents for consumer sales available on Amazon.com

## **System One, La Jolla, CA** *Software Developer*

February 1996 – February 1997

Designed and developed software for a variety of clients including 1) 9-1-1 call handling software, 2) event planner software, 3) exercise tracking software for exercise equipment primarily using Visual Basic, Visual C++ and Crystal Reports.

## **Hewlett Packard, San Diego, CA** *Software Engineering Manager*

April 1994 – February 1996

Led a team of people responsible for designing, developing and testing software products for an X-ray inspection system for computer circuit boards. All products developed with an object-oriented design using C++, C, Pascal and Visual Basic.

## **HNC Software, San Diego, CA** *Project Manager*

June 1992 – April 1994

In charge of design and development of a commercial software product to automatically appraise real estate. Developed under Microsoft Windows in Visual Basic and C, and utilized HNC's neural network modeling technology.

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**Four PI Systems, San Diego, CA**  
*Computer Scientist*

March 1986 – June 1992

Designed, developed a variety of software products for an automated x-ray inspection system of computer circuit boards including: 1) an object-oriented software development environment, 2) parallel processing machine control software, 3) operator interface software, and 4) CAD interface software

## Education

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- **Front End Web Developer & Full Stack Developer Certification**, BLOC Apprenticeships
- **M.S. Computer Science, Artificial Intelligence**, University of Minnesota, *Minneapolis, MN*
- **B.A. With Honors Mathematics**, Macalester College, *St. Paul, MN*