

SEAN ROBERT QUINN



✉ sean@jibsales.com

☎ 315.709.2145

Interests:

- 🖥️ Weekend Hacking
- 🎸 Jazz Guitar
- 🚤 Sailing
- 🏞️ Hiking & Camping
- ☁️ Weather
- 🌍 Earth Science

Web Developer and Designer

A UI/UX focused web designer with over 4 years of professional and freelance experience creating modern web designs for a wide variety of clients. Over 8 years of professional experience in designing print publications and automating print production workflows.

A full stack web developer with a strong working knowledge of the HTTP spec, ReSTful API development, JSON-RPC, Test/Behavior Driven Development (TDD/BDD) and Linux administration. Proven ability to employ modern techniques to work around browser quirks and deliver consistent, secure and standards compliant front-end solutions.

A database administrator well versed in both traditional RDBMS and new wave NoSQL key/value datastores alike.

A bash and git enthusiast who enjoys the challenge of finding creative ways to problem solve and automate tasks of all difficulty levels by pushing both technologies to their respective limits.

Education

SUNY Oneonta

BA in Music/Minor in Music Theory

Graduated Cum Laude

Technology Summary

Programming Languages: Javascript, HTML5/CSS3, Bash, PHP, Python, SQL, AppleScript

Design Tools: Adobe Illustrator, Photoshop, InDesign, ImageMagick

Databases: MongoDB, Postgres, MySQL (InnoDB), SQLite, Redis, CouchDB

Libraries/Frameworks: Backbonejs, Nodejs, Browserify, jQuery/Zepto, Docker

Web Servers/Proxies: nginx, Apache2, lighttpd

Source Control: git

Operating Systems: OSX, Linux (Debian/Ubuntu), Windows

Experience

Clinton Courier - Web Designer and Developer

2014–Now

clintoncourier.com

Hired as a freelance full stack web developer and designer to create and maintain a complete web publishing system for a small local newspaper. Highlights include:

- ✓ Created a responsive, gracefully degrading front end design using CSS media queries, Javascript polyfills and HTML5 APIs.
- ✓ Developed a proprietary Content Management System using a custom made static site build system controlled via a single page application (SPA) and ReSTful backend API.
- ✓ Full end to end JSON data delivery from database to browser.
- ✓ To aid in rapid deployment and testing, developed a custom DevOps workflow using git, Docker and Bash scripting similar to Dokku but without all the bloat of supporting Heroku Buildpacks.

Technologies: Javascript, Nodejs, Backbonejs, MongoDB, nginx, Docker, git, Bash, Rackspace Cloudfiles (CDN) and Debian OS (Digital Ocean VM)

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Experience (continued)

Hamilton College - Creative Services Production Manager

2012–Now

Current full time job as an administrator in the Communications department of a top Liberal Arts college. Responsibilities and achievements include:

- ✓ Leading a team of six creatives and two student interns. Assigning and managing tasks for all forward facing print and web communications via an online project management system.
- ✓ Purchase, schedule and manage the production of projects as large as a triennial 96pp magazine and ensure the quality, accuracy and effectiveness of the College's brand.
- ✓ Building custom automation tools using a combination of Bash, Javascript, Applescript, and ImageMagick including HTML screen scrapers, HTML email template build systems, and InDesign document automation.
- ✓ Built and currently maintain a job database for storing all specs and job critical data using FileMaker.
- ✓ Designed and currently maintain digital assets management system for over 70,000 institutional photos.

MyMobie - Lead Developer/Consultant

2011–Now

mymobelisting.com

Lead developer and maintainer of a web publishing platform for the Hospitality Industry. The platform creates mini-mobile/desktop web sites accessed via geo-location based querying and provides digital guest services. Achievements include:

- ✓ Created several iterations of a ReSTful API backend in both PHP/MySQL/Postgres and Nodejs/MongoDB.
- ✓ Created two separate Javascript single page applications (SPA) for both hotel users and MyMobie administrators that allow for easily customizing each mini mobile site via a drag/drop interface. Both are built with Backbonejs.
- ✓ Designed front end mobile sites first using jQuery Mobile and later moving to responsive design via custom hand built CSS and Javascript.

Technologies: Javascript, Nodejs, Backbonejs, MongoDB, nginx, Rackspace Cloudfiles (CDN) and Debian OS (Digital Ocean VM)

Maintain a LAMP stack and provide custom add-ons and consulting so the design team can launch dynamic sites for their end customers. Highlights include:

- ✓ Automatic backups via bash scripting and rsync.
- ✓ FTP/SFTP, sendmail and MySQL configuration and management.
- ✓ Linux VM administration with zero compromises to security to date.

PBR Graphics, Inc. - Prepress Manager

2010–2012

Managed digital PDF workflow for a short-run offset press from customer submittal to plate production.

- ✓ Provided customers with services in print design, web design, content management and email marketing.
- ✓ Maintained on-site Debian server for FTP and PDF workflow automation.
- ✓ Managed third-party online ordering system and hacked new functionality into the user interface by exploiting holes in the dynamic form generators.
- ✓ Using a combination of AppleScript, Bash, FTP, inotify, and GUI scripting, completely automated third-party trapping software that required 5 minutes of a human's interaction for every job bound for plate production. System was so effective it is still used to date and has saved the company tens of thousands of dollars in administration and software update costs.
- ✓ Created various automation tools in relation to PDF preflighting and digital assets management using Bash, AppleScript, VBscript, PDFtk and ImageMagick.