

Contact

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improve your life by getting better advice

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Benjamin-Newton Creative Works

wisdom of the greatest thinkers
plus more experience and research
minus profit motive **equals** better advice

Portfolio Website

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Design Proficiency (In General Terms)

Web Design Proficiency

Information Technology Proficiency

Anticipating Constant Revolutionary Changes

- looking forward to radical and rapid change
- ready for complete shift in business models
- hoping for increasing industry quality standards
- hope consumer expectations increase
- expecting my entire skill set to become commoditized

Enjoy New Challenges

- know how to adjust to new software, techniques
- can figure out software without training
- can master new skills very rapidly
- creative in software use
- normally work at high speed

Well-Rounded Understanding of Field

- broad and in-depth background knowledge
- historical perspective on evolution of technology
- approach new technologies instinctually
- can master every part of your design process

Psychological Reasons for Design Ability

- mental illness forces me to keep designs and organization simple
- extreme literalness pushes me to communicate clearly (to avoid any confusion in meaning)
- class distinction drives me to communicate directly and simply
- my serious and complex approach to life gives priority to creations with depth and meaning
- my creative ability in multiple aspects my of life helps me do more with less
- goal for creative work to be more important over time makes me focus on universal relevance

Unusual Design Specialties

Communication Centered Design

- I assume as little as possible (technically, cognitively, or socially)
- virtually every decision in design and content has a reason
- communicate message in different media, subjects, and complexity level (for different people/situations)
- graphics and layout designed to reinforce content
- allow people to distribute content as widely as useful and appropriate

Future Proof and Platform Independent Design

- with budget and limited functionality tools
- techniques concept based and software independent
- maximum compatibility and accessibility
- have higher standards than almost anyone

File Format Conversion

- document, vector graphics
- keeping original structure
- maximum compatibility
- specialty formats

Web Design

- structured design using flexible formats and methods
- large and simple (no thinking) layouts
- user can get the information as fast as possible
- most thorough website help section

Teaching and Complete End User Support

- can and want to teach and document everything I know
- any experience level
- focus on fundamentals and techniques, not software
- train you so thoroughly, that you don't need me any more

Technical Aspects of Design Proficiency

Efficient File Design Choices

- maximum lossless compression
- most compatible compression
- removing unneeded data
- bandwidth efficiency

High Quality Web Hosting

- highly reliable hosting
- high speed connection for host
- hosting optimized for speed
- globally optimized by locale
- keeping server processing load minimal

Efficient Use of Device Resources

- maximum mobile device performance
- minimum processor load
- minimum battery use
- processor efficient design methods

Audio Optimization

- computer generated text to speech
- achieved 100:1 compression of spoken audio (30 MB for 3 hours)
- clean defects in recorded audio including heavy breathing on microphone
- understand licensing issues of each codec used
- support most major devices out of the box (no install needed)
- no reliance on Flash fallback for any platform

Device/Software Compatibility

- information available in many file formats
- designs adapt to computing device limitations
- almost every device/OS/browser tested
- designs resilient (to unexpected device/software combinations and limitations)
- browser/device-specific website integration elements
- Internet Explorer Pinned Sites, (iOS/Mobile Safari) Apple Touch Icons, Firefox Persona, and Opera Speed Dial

Accessibility for Sight Impaired

- enlargeable (allows clean zooming) or large print text
- color blind accessible
- works with screen readers
- large interface elements

Marketing, Legal, and Public Relations Aspects of Design

Improving Search Engine Rankings (SEO) General

- 2 of my books rank 1st and 2nd for topic on Google (Christian Existentialism Philosophical Taoism)
- use only "White Hat" official Google and Bing SEO suggestions
- all SEO improvements benefit the user as well
- updated hundreds of pages one by one

Improving Search Engine Rankings (SEO) Metadata

- marked book license and cataloging information for Google and Bing
- now use headings like Google and Bing want
- added concise descriptions for book pages for Google descriptions
- overrode Open Directory site descriptions

Improving Search Engine Rankings (SEO) Navigation

- improved navigation by providing quicklinks to most common options
- set up automatic redirects of old web page sections to new addresses
- marked which one of several versions of same web page content to use
- made website map for both Google and humans
- providing useful error messages to users

Copyright/Legal Work

- removed unwanted copies of my books from online bookstores
- enforced license against unknowing infringement
- know how to find who to contact for copyright violation
- Apple iBookstore
- Barnes and Noble Nook Store
- Lulu.com's bookstore on Amazon.com

Website Skills and Experience

Webmaster Jobs

14 years

- project vision and concept planning
- content and design creation and updates
- software/script and hosting selection and installation/updating
- development of ideas and projects
- information organization and accessibility
- link and file maintenance and bug testing
- customer support and research

Types of Website Content

Text

- poetry
- philosophy
- technology help

Graphics

- photography
- drawings
- animations

Audio

- music
- audiobooks
- audio readings

Other

- fonts
- design
- puzzles
- awards

Size of Website Content

- free gifts for others
- \$6,394 worth of content (per copy)
- over 2,285 pages of original text (arranged into 52 text books)
- 5 website domains
- 9 subdomains
- 20,000 files on website
- 1.10 GB of content on website

Content Delivery Network Assets (Files)

- 1,150 total downloads
- 490 graphics downloads
- 280 drawing downloads
- 190 photo downloads
- 20 miscellaneous graphics downloads
- 375 audio downloads
- 270 text book downloads

Content Delivery Network Assets (File Size)

- 5.45 GB of total downloads
- 3.60 GB of graphics downloads
- 1.75 GB of drawing downloads
- 1.75 GB of photo downloads
- 95 MB miscellaneous graphics downloads
- 1.50 GB of audio downloads
- 350 MB of text book downloads

Website Speed

DSL (Front Page)

- fully loads in 2 and 2/3 seconds
- loads in about 1/7 of a second 2nd time
- about 1/3 of 1 MB of total content
- 1.5 MB/s DSL on US East Coast with Google Chrome
- scores 96/100 with Google Page Speed Online Test
- faster than 90% of the websites tested with Pingdom Tools

DSL/Internet Explorer (Front Page)

- fully loads in about 4 and 3/4 seconds
- loads in about 1 and 1/3 seconds 2nd time
- less than 2/3 of 1 MB of total content
- 1.5 MB/s DSL on US East Coast with Internet Explorer 8
- scores 96/100 with Google Page Speed Online Test

Cable Internet (Front Page)

- fully loads in about 1 and 1/3 seconds
- loads in about 1/10 of a second 2nd time
- about 1/3 of 1 MB of total content
- Cable Internet on US East Coast with Google Chrome
- scores 96/100 with Google Page Speed Online Test
- faster than 90% of the websites tested with Pingdom Tools

Dial Up (Front Page)

- fully loads in less than 1 minute and 30 seconds
- loads in about 1/7 of a second 2nd time
- about 1/3 of 1 MB of total content
- 56k Dial Up on US East Coast with Google Chrome
- scores 96/100 with Google Page Speed Online Test
- faster than 90% of the websites tested with Pingdom Tools

FIOS (Front Page)

- fully loads in less than 1 second
- loads in about 1/10 of a second 2nd time
- about 1/3 of 1 MB of total content
- FIOS on US East Coast with Google Chrome
- scores 96/100 with Google Page Speed Online Test
- faster than 90% of the websites tested with Pingdom Tools

Website Design Details

Website Design Strategies

- color coded designs by situation, location, and device
- 6 unique device type specific designs (including printer and mobile site designs)
- 4 website specific variations on each of 4 designs
- auto selects optimal design by device type
- design methods work for multiple vendors and variations of similar device types
- design optimized for book pages, downloaded book series bundles, and custom 404 error pages (phone and tablet size)

Website Design Specifications

- tablet (iPad) and mobile smart phone/iPod Touch optimized designs for portrait and landscape orientations
- advanced design for latest PC browsers (Internet Explorer 9 compatible)
- advanced design for wide screen monitors and HD TVs
- default, fail safe Internet Explorer 6 compatible design
- separate simplified site with older/less powerful mobile phone and tablet optimized designs
- print optimized design

Before Adding to Designs/Content

- has to have a practical use for the end user
- keeps my workload the same or reduces it
- has to be efficient in download speed, client and server system requirements
- must work optimally on an iPad and iPod Touch

Delivered via

- website
- e-book
- audio book
- paperback

Book Printing Skills

General Book Proficiency

successfully

- researched
- wrote
- created pictures
- formatted
- proofread

over 14,500 pages and 61 books

Text Book Statistics

- 52 books (not including 3rd Party books)
- 14,561 combined total
- novel/trade, pocket, and US letter sizes
- hardcover, paperback, large print, and e-book
- black and white
- custom text formatting
- typeset with LaTeX or HTMLdoc
- custom covers
- covers designed with Xara Xtreme, Toon Boom Studio Express, Pages, Gimp, and/or Inkscape

Picture Book Statistics

- 9 books
- 547 pages
- 467 unique pictures
- pictures entirely vector based
- pictures vectorized with Inkscape
- novel/trade and US letter sizes
- paperback and e-book
- full color and black and white

- layout done with Scribus
- custom covers
- covers designed with Xara Xtreme

Programming (Print Markup Languages)

LaTeX (general)

- structured
- footnotes
- margin notes
- quotations
- poetry
- custom footers and headers
- custom page size
- two-sided
- custom margins
- custom justification
- drop caps
- page breaks
- multiple source files
- other macro packages
- convert to Open Document via RTF with structure

LaTeX (direct to PDF specific)

- hyperlinked table of contents
- bookmarks
- links to web
- meta data
- color
- vector graphics
- interactive Flash embedding
- custom embedded and subset Postscript fonts

LaTeX to PDF Authoring Tools

- TeX Shop, Kile, and Winefish text editors
- TeX Live distribution
- pdftex compiler
- Ghostscript for PDF editing
- Adobe Reader

Converting LaTeX to Other Formats

- latex2rtf converter
- OpenOffice.org
- Daisy Pipeline
- Calibre

Binding Skills

Can laser print and comb bind publications on my own

Book Marketing

Types of Publications

- logo
- business cards
- flyers
- brochures
- concept maps
- timelines

Publication Ideas

- self designed
- clear and clean design
- easily readable
- concise wording

Publication Design

- resolution independent
- bright and colorful
- large print

Matches website

- colors
- images
- styles

Handouts Tools

- Toon Boom Studio Express
- Pages (part of Apple iWork)

Specific Software Experience

Applications

- **Microsoft:** Word (Mac and Windows) ribbon and old menus versions, Excel (Mac and Windows) ribbon and old menus versions, Powerpoint (Mac and Windows) ribbon and old menus versions, Publisher, Outlook, Expression, Internet Explorer (through version 9)
- **Adobe:** Dreamweaver, Photoshop Elements, Flash Paper
- **Apple:** iPhoto, iTunes, Garageband, iMovie, Quicktime Pro, Logic Pro, Pages, Keynote, Numbers, iBooks Author, ColorSync Utility, Preview, Mail, Safari, Mac App Store, (iOS) App Store, iTunes Music Store, iBookstore, iPhone Simulator, iBooks, Disk Utility, Terminal, X11

Ben Huot Design Overview Resume

- **Corel:** Draw, Painter, WordPerfect
- **Lotus:** Symphony, WordPro, 123
- **Open Source:** OpenOffice.org, Firefox, Thunderbird, Evolution, Kompozer, FileZilla, Cyberduck, Chicken in the VNC, Gimp, Inkscape, Scribus, Audacity, Calibre, Sigil, Daisy Pipeline, LaTeX, DjVu, K3b, Sword Project
- **Other:** VMware, Nero, Toast, BBedit, Carrara, Poser, Toon Boom Studio, Hype, Amadeus Pro, Print Shop, Picasa, Pixelmator, Acorn, XnView, MacStitch, Kindle (iOS, Mac OS X, Kindle), Kindlegen, Google Chrome, Opera Mini (iPad and iPhone), Diskwarrior, Logos, Stuffit

Operating Systems

- **Windows (via VNC)**
- **Apple (UNIX):** Mac OS X (every major version from 10.2 to the 10.7) on eMac, Mac Mini, and iMac; Apple iOS (iPad 1) 3.2-5.0 and Apple iOS (iPad 3) 5.1; Apple iOS (iPod Touch 4) 4.1-5.0; Apple TV (original Intel configuration); Airport WiFi Routers
- **X-Windows (UNIX):** Ubuntu Linux, openSUSE Linux, PC-BSD, OpenSolaris
- **Other:** Amazon Kindle 3, Google Android Simulator, HP/Palm Simulator, Blackberry Simulator

Web Services and Technologies

- **Services/Server/Behind the Scenes:** cPanel Apache based web hosting, .htaccess configuration (HTTP 1.1 compression, 301 redirects, mime types), content distribution network, remote virtual machine service for multiple web browser/OS web page compatibility testing, web page speed testing, "white hat" Google approved search engine optimization, and legal issues (Creative Commons, copyright, privacy, and licensing issues)
- **People/Client Facing Technology:** HTML5 (CSS 3 Styling, SVG, Audio, and device orientation/media queries), always use industry standard best practices, optimization for many devices (for Internet Explorer 6-8, Large Screen, Netbook/iPad 1, iPhone/iPod Touch 4, and Google and older Apple devices), always fully accessible and usable (for all people including people with physical, technical, cognitive, or social limitations), jQuery, MooTools, CSS3 PIE, pdf.js, WebODF, LaTeX, image optimization (lossless transparent 24-bit and 8-bit PNG, JPG, 4 color - 256 color GIFs with transparency and without dithering, JPEG XR, vectorization of bitmaps, PDF optimization, and Amazon Kindle (mobi)), and audio format conversion and licensing (MP3, AAC, iPhone Ringtone, HE-AAC v2, Windows Media, Ogg Vorbis, Apple Lossless, FLAC), SVG/ interactive ePub/iBooks.

Linux and Mac OS X Command Line

- basic file management
- package installation and upgrades
- compile programs with make
- check out via subversion