JAY NIELSEN

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EXPERIENCE

Coding Bootcamp Instructor, Trilogy Education Services, 11/17 – present
- Taught full stack web development to a class of 30 continuing education students
- Engaged students with additional coding challenges and games

Development Lead, Outspoke, 03/16 – present
- Modernized development process by introducing Bedrock for stable, version-controlled programming and Ansible for automated deployment
- Developed Marketo guided landing page and email marketing templates

Full-Stack Web Developer (Contractor), Addison Group, Denver, CO 02/15 – 11/15
- Designed and built a dynamic, single-page web app incorporating Django, Django Rest Framework and AngularJS
- Facilitated remote desktop access for clients with a custom-made Chrome plugin
- Normalized legacy databases to eliminate redundancy and improve web application performance

Web Developer, BSC Management, Los Angeles, CA 08/12 – 04/14
- Seamlessly migrated 6,000 active members from SocialEngine to BuddyPress
- Converted proprietary faculty management, meeting registration, surgical wiki, video library, image library and membership applications to portable WordPress modules
- Designed and implemented fully-responsive mobile user interface

Lead PHP Developer, Only Websites, Lehi, UT 10/10 – 08/12
- Streamlined project management with standardized site requirements procedures
- Self taught proficiency in OpenCart, vqmod and CakePHP in order to meet project demands
- Assessed common feature requests and created OpenCart and WordPress plugins to simplify deployment and upgrades for all clients
- Reduced technical support requests and improved client satisfaction by developing detailed admin interface guides for each web application

Web Developer, Utah Valley University, Orem, UT 02/08 – 07/09
- Constructed 20 Moodle and Blackboard-based courses and maintained 50 courses
- Collaborated with course instructors to develop interactive teaching games and tools

RELEVANT SKILLS

- Full-stack web development including proficiency with JavaScript, Node.js, Express, React, Angular, Python, PHP, HTML5, CSS3, SASS, PostgreSQL, MySQL, MongoDB, OpenCart, WordPress, Django, Debian/Ubuntu servers, Nginx and Apache
- Competency in digital graphic design with GIMP, Inkscape, Photoshop and Illustrator
- Proficient in Linux, Microsoft, Android and Apple operating systems
- Mastery of LibreOffice, Microsoft Office and Google Drive suites
- Knowledgeable in computer hardware including building, troubleshooting and repairing custom-made desktop computers

NOTABLE ACHIEVEMENTS

- Produced 3 web-based video series involving screenwriting, cinematography, set design, animation, graphic design, video editing, audio recording and music composition
- Lead the workshop *How to Make a Free and Open Source Animation Studio* at Denver Mini Maker Faire 2015
- Presented *How to Make a Puppet Show the Open Source Way* at LinuxCon 2013
- Created an award-winning, interactive booth for Bay Area Maker Faire 2013
- Earned the rank of Eagle Scout in the Boy Scouts of America

EDUCATION

BS Digital Media, Utah Valley University, Orem, UT 08/06 – 05/09
- Graduated Summa Cum Laude
- Achieved dean's list every semester