Nathan Feaver

Freelance Web Developer

1300 30th Street
Apartment D4-14
Boulder, CO 80303

(303)709-8421
nathan@nathanfeaver.com
Find me on LinkedIn

Summary of Qualifications

Professional web developer for corporations working from front- to back-end (see www.nathanfeaver.com)
Web: HTML5, CSS3, JavaScript, AJAX, WordPress and PHP, Ruby on Rails
Coding: Object-oriented programming, debugging, and testing experience in Ruby, MATLAB, Java, and C++
Business: Product specification with clients, user experience design, presentation and sales skills
Design: Web layouts, logos, technical graphics and presentations, business cards

Additional Technical Skills

Mobile-Friendly Web, Best Practices (JavaScript, Ruby, HTML5), Linux, Systems Administration, Google Apps, Social Media Integration, Adobe Illustrator, Microsoft Office Suite

Experience

Freelance Web Developer – WordPress and Ruby on Rails

www.nathanfeaver.com, Boulder, CO   August 2011 to Present

- Created fully customized WordPress deployments for corporate and personal clients
- Developed Backend WYSIWIG tools for clients to easily maintain and update their site
- Designed and coded unique WordPress themes to blend with the client's marketing and branding strategy
- Developed new branding and visual styles on request
- Trained others to operate WordPress and maintain their new websites
- Tools built for fundraising campaigns, sharing news and upcoming events through social media, generating email lists, subscriber content, online scheduling
- Developed user authentication in Ruby on Rails for Agora, a local startup

Research Associate – Semiconductor Device and Nanofabrication Engineer

University of Colorado, Boulder   August 2008 to July 2011

- Developed MATLAB code to analyze block copolymer networks for connectivity, tortuosity, electrical resistance
- Developed novel fabrication process to create graphene nanoribbon transistors
- Precisely tuned silicon interfaces for block copolymer self-assembly and patterning below 30 nm
- Managed four undergraduate researchers, developing more efficient processing
- Taught lectures to 45 students and created in-class demonstrations for graduate level class

Education

Web Development Learning Opportunities:

- Various Meetup.com groups (Boulder Web Design, Code Retreat, Ruby on Beer, Continuous Engineering, BigData)
- RubyLearning.org (Ruby Core, Web Programming with Ruby)
- Saas-class.org (Topics: Web Development Architectures, Ruby on Rails, BDD and TDD)

University of Colorado, Boulder   August 2011

- MS, Chemical and Biological Engineering, 3.7 GPA

Colorado School of Mines, Golden   May 2008

- BS, Chemical Engineering, *cum laude*, 3.5 GPA
- Special Academic Track in Polymers and Materials

Leadership

Co-Organizer – February 2011 to Present – Boulder Web Design (Meetup.com)

- Helped Organize Meetups for 50+ web designers
- Presenting 'Mobile WordPress in a Snap' – May 2012

Student Leader – August 2009 to May 2011 – Intervarsity Graduate Christian Fellowship

- Contributed on core leadership team at a time when club doubled in size

NanoDays Volunteer – April 2010 – Colorado Nanofabrication Laboratory

- Taught attending children and non-scientists about super hydrophobicity using nanoparticles

Head of Fundraising and Public Relations, Engineering Design Project – May 2006 to October 2006

- Created brand recognition and credibility through creative design of fund-raising pamphlet
- Raised over $1.5k to fund the design and construction of trebuchet from local businesses and private donations
- Developed sponsorship levels and fundraising campaign to generate 4 corporate sponsors