

NATHAN FEAVER

Full Stack Web Application Developer

EXPERTISE	<i>Languages</i>	Ruby, PHP, HTML, CSS, JavaScript, Bash, MATLAB, C++
	<i>Frameworks</i>	Ruby on Rails, WordPress, Nanoc
	<i>Databases</i>	MySQL, PostgreSQL, Filesystem/YAML
	<i>Source Control</i>	Git
	<i>Web Services</i>	Amazon EC2, Amazon S3, Heroku
	<i>Tools</i>	UNIX, Haml, SASS, RSpec, HTML5 Boiler Plate

EDUCATION MS, Chemical Engineering, University of Colorado, 2008–2011, 3.7GPA
BS, *cum laude*, Chemical Engineering, Colorado School of Mines, 2004–2008, 3.5GPA

EXPERIENCE **Freelance Web Developer, NathanFeaver.com** August 2011 – Present

Partial Client List **Vidusic, 6kites, Torque Brake Fluid, RS683, Trusted Tutor Network, Earth Explorers**

- Developed full stack web applications
- Back-end development using Ruby on Rails, Nanoc, WordPress
 - Database Structure Design
 - Implemented Design Patterns
- Architected modular front-end designs
 - Modular CSS and HTML5
 - Mobile-First Design
 - Fully Customized WordPress themes and plugins
- Ops Management
 - Implemented Test-Driven Development using RSpec
 - Daily use of Git VCS
 - Set up and maintained Git server for small team
 - Server management for clients
- Internal Tools Development
 - Spreadsheet to JSON Converter using Visual Basic
 - Deployment scripts for multiple projects using Bash Shell
- See my portfolio at: nathanfeaver.com/portfolio/

Professional Tutor, TrustedTutor.net August 2011 – Present

- Built tutoring brand, increasing revenue and number of clients
- Tutored many students in computer science, math, and engineering programming courses

Research Associate, University of Colorado August 2008 – July 2011

- Created MATLAB program which analyzed microscope images of maze-like structures for connectivity, tortuosity, and electrical resistance
- Developed novel fabrication process of graphene nanoribbon transistors
- Managed four undergraduate researchers as they developed more efficient processing tools and procedures

LEADERSHIP **MeetUp Organizer, Boulder Web Design** February 2011 – Present

- Organized presenters, interactive events, social get togethers, for 50+ attendees
- Presenter: 'Mobile WordPress in a Snap' – May 2012

NanoDays Volunteer, Colorado Nanofabrication Laboratory April 2010

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

CFO and PR Lead, Trebuchet Design Project May 2006 – 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 fund raising campaign to generate 4 corporate sponsors

```
more_info = {  
    :website => nathanfeaver.com,  
    :github  => github.com/jfeaver,  
    :email   => nathan@nathanfeaver.com,  
    :phone   => (303)709-8421  
}
```