

BENNETT KOLASINSKI

new york, ny. 10023. 917.703.4992

bennett@bennettk.com

Computer Skills

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|--------|---|
| web | Ruby / Ruby on Rails, WordPress, PHP, JavaScript, AJAX, jQuery, Mongrel, Apache, mod_rails, Subversion, HTML, CSS, Perl, MySQL, Flash |
| code | C++, Objective-C / iPhone, MATLAB, Java, Visual Basic |
| audio | ProTools, Logic Pro, Max/MSP |
| visual | Photoshop, Illustrator, Final Cut, Motion, DVD Studio Pro |

Work

Jackson Laycock (November 2009-Present)

iPhone / Web Developer

- developed Hey Walkies (www.heywalkies.com), a social dog park finder iPhone app and website for NYC dog parks with an integrated Twitter-like chat feature that was featured on Martha Stewart and People Pets
- contributed to Gamestreamer, a massive Ruby on Rails platform for game distribution
- development of custom WordPress themes for magazine and hotel sites
- technologies used: Objective-C, Ruby On Rails, Facebook (FB Connect for iPhone & Facebooker gem), WordPress, HTML, CSS

Freestyle App (May 2009-Present) www.freestyleapplication.com

iPhone / Web Developer

- concept, design, and development of Freestyle App, a songwriting tool for Hip-Hop artists featuring an integrated rhyming dictionary, beat selection, and recording
- peaked at #5 in the Top Free Music Applications on the iTunes App Store; has over 100,000 downloads
- technologies used: Objective-C, CoreData, sqlite3, WordPress

Digital Pulp (September 2008-October 2009) digitalpulp.com

Ruby on Rails Developer

Clients include:

Redken redken.com

- development and enhancement of Radiant-based CMS system for highly-trafficked salon and beauty product website (mongrel, ferret)
- *technologies used:* Ruby on Rails, Radiant, Mongrel, Ferret, SVN, Geokit

Communications of the ACM cacm.acm.org

- created a Radiant-based CMS for the redesign of the Association for Computing Machinery's flagship monthly magazine
- developed automatic feed management system to parse and process RSS feeds
- interfaced with MySQL and Oracle databases
- *technologies used:* Ruby on Rails, Radiant, Thinking Sphinx, SVN, rFeedParser, hpricot, Passenger

MTV Networks (April - September 2008)

Web Developer (Ruby on Rails, PHP)

- *Develop and maintain a Ruby on Rails + Wordpress platform for such high-traffic sites as www.jackassworld.com and mtv.thehumangiant.com*
- *Develop Ruby on Rails CMS that allows site producers to maintain content on sites from a number of sources using data from mRSS feeds, SOAP APIs, and mySQL databases*
- *Port a PHP SOAP API for MTV's social networking service (Flux) into Ruby*
- *Create CSS and HTML from designs; replace animated Flash content with jQuery-driven animations*

The Crime Report thecrimereport.org

lead developer (freelance)

- developed highly customized WordPress site with custom search page for the John Jay Center on Media, Crime and Justice
- imported nearly a decade of back content into WordPress using custom Ruby / hpricot scripts
- technologies used: PHP, WordPress, MySQL, jQuery, CSS, Git

Hobo Audio (October 2006 - April 2008)

Information Architect, Recordist, Creative Guru

- Developed and deployed web-based system in Ruby on Rails to manage recording sessions and jobs
- Produced and coded website (www.hoboaudio.com) and developed PHP-based client access site
- Led effort to attain business and build client base for new recording studio by developing and producing engaging DVD reel, holiday cards, and multimedia mailings
- Recorded, mixed, and composed music for television commercials, award-winning short films, television programs, and casting sessions
- Clients include: Kmart, Food Network, Hasbro, Aphthasol, Charmin, Popeye's

Dept. of Music & Performing Arts Professions, New York University (January - December 2007)

Research Assistant to Dr. Juan Bello

- Researched integrating music information retrieval and machine listening techniques with recording environments for applications such as automatic mixing
- Developed an system for automatic mix recreation using timbral similarity and genetic algorithms

Google Summer of Code (April - August 2007)

Developer for C++ Library for Audio and Music (CLAM)

- Accepted into highly competitive international program sponsored by Google
- Collaborated with an international team on the development of an award-winning Open-Source Software project written in C++

Army Research Labs- Human Research and Engineering Directorate (June - September 2007)

Researcher & Developer

- One of two students to be selected from the NYU Music Technology program to participate
- Studied the manipulation and customization of Head-Related Transfer Functions (HRTFs) to allow for accurate spatial perception of sounds from headphones
- Developed MATLAB-based software for subjective testing

Sourcetone (October 2005 - May 2006)

Software Architect

- Developed advanced music compressor VST plugin in C++

Raytheon (June 2001-August 2005)

Software Engineer II

POMT (PATRIOT Organizational Maintenance Trainer)

- Developed software in Visual Basic to train soldiers how to maintain and troubleshoot a PATRIOT missile system

UEWR (Upgraded Early Warning Radar)

- Implemented the GUI in Motif / C++ for a portion of the National Missile Defense program

Education

Master's in Music Technology, New York University (September 2005- December 2007)

- *Coursework in: Music Information Retrieval, Digital Signal Theory, Audio for Video Games and Immersive Environments, Max/MSP, Java Music Systems, Physical Computing*
- *Thesis: "Recording on Rails: The Quest for an Intelligent Recording Environment"*
- **Paper presented at the 124th Convention of the Audio Engineering Society (May, 2008)**

B.S. in Computer Science, Tufts University (August 1997 - May 2001)

Minor in Child Development

Music

Vice Stevens

- *Produced and coded website (www.vicestevens.com); recorded, produced, performed in, and wrote music for New York City-based band that toured in Europe and throughout the Northeast*

Focusin

- *Developed website, recorded and produced music, and played guitar for Boston-based band that won the 2004 Rolling Rock "Road to Town Fair IV" national competition, leading to an opening slot for Def Leppard and Blink-182 at Pittsburgh's Heinz Stadium*