Stephen Bumgarner

steve@24trackmind.com / 732.501.9768 / 616 jersey ave, apt 2, jersey city, nj 07302

Experienced front-end developer responsible for creating effective and scalable user interfaces. Strong technical knowledge, implementation planning skills, attention to detail and efficient work ethic helps meet project guidelines and client expectations.

Experience

Freelance Web Developer   6/05 – Present

> **Highlights** / Responsible for diverse client and server-side development projects utilizing Flash/object-oriented ActionScript, JavaScript/AJAX, (X)HTML/CSS, and PHP/MySQL.
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> //Portfolio: www.24trackmind.com

Client Side Developer   1/06 – 7/07
TD Ameritrade – Jersey City, NJ

> **Highlights** / Performed client-side application development using JavaScript, remote scripting (AJAX), (X)HTML, CSS, and XSL for a leading online investment site. Collaborated with Java developers to tie back-end functionality to the presentation layer.

- Led front-end development on both marketing and trading site conversion from ameritrade.com to tdameritrade.com following merger of Ameritrade and TD Waterhouse
- Led efforts to convert static marketing site pages to a CMS-based system using the TeamSite platform
- Trained other client-side developers on TeamSite best practices
- Developed first internally produced Flash/ActionScript 2.0 application to educate former TD Waterhouse on trading platform differences
- Implemented XML-based framework for ease of updating content and re-use in other Flash tutorials
- Converted existing Branch Locator tool on a .NET platform to a client-side solution using AJAX to retrieve branch data stored in JSON objects
    - One of the first TDA applications to use the jQuery JavaScript library and the Google Maps API
- Developed and maintained a variety of tools on the trading and long-term investing sites

Senior User Interface Developer   6/01 – 12/05
SimStar (now Rosetta Marketing) – Hamilton, NJ

> **Highlight** / Responsible for front-end web development on $14 million of business.

- Developed user interfaces using (X)HTML, CSS, and JavaScript
    - Spearheaded corporate migration from outdated, table-based methods to standards-based approach utilizing CSS
    - Developed interactive tools using JavaScript, DHTML as well as more data-driven tools using AJAX
    - Worked closely with Information Architects to develop new solutions for presentation, layout and other user interaction issues while ensuring usability standards were met
    - Integrated client-side code with framework created by programmers and server-side architects

- o Performed extensive QA checks to ensure cross-browser and cross-platform compatibility
- o Optimization of web graphics using Photoshop and ImageReady
- Developed complex data-driven applications using Flash
  - o Utilized ActionScript 2.0's object-oriented structure to produce reusable components to lessen the amount of code and produce modular solutions
  - o Used external data sources such as XML to reduce the maintenance cost and efforts
  - o Created custom, scalable video players
- Created rapid prototypes to help illustrate new solutions to elicit feedback from the team and determine feasibility
- Produced interactive DVDs in DVD Studio Pro, also utilizing Final Cut Pro and Compressor for video post-production
- Managed freelancers and junior developers, assisted with work allocation and skills development to meet the needs of the department
- Developed coding standards as benchmarks for new freelancers and full-time developers

Portfolio

Interactive portfolio can be found at www.24trackmind.com

Education

- Bachelor of Science in Computer Science, 2001
  Rutgers College, New Brunswick, NJ

- An Event Apart, December 2005
  Franklin Institute, Philadelphia, PA

- Flash Forward Conference, July 2004
  New Yorker Hotel, New York, NY

- Steve Krug Usability Lecture, August 2003
  The New School, New York, NY