A L A N   L A W R E N C E   M A R C E R O

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Burlington, VT 05401
(Relocation Reimbursement Not Required)

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Summary

- Linux / Apache / MySQL / PHP Programmer and Developer
- Bachelor of Science, Computer Science, St. Lawrence University, May 2007
- Over five years of professional experience using PHP and MySQL in a high traffic environment
- Member of a four programmer team for over five years, source management using Subversion
- In-depth knowledge of advanced MySQL methods and database optimization
- Strong understanding of MVC frameworks including Ruby on Rails
- Strives towards coding simple solutions for complex problems
- Lives for all things world wide web, in and outside of work

Education and Achievements

- Bachelor of Science, Computer Science: St. Lawrence University, May 2007
- Overall GPA: 3.145 / 4.000 | Computer Science GPA: 3.125 / 4.000
- Notable Courses:
  - Software Engineering: 4.00 / 4.00
  - Computer Science Senior Project: 4.00 / 4.00
- Eagle Scout, Boy Scouts of America

Professional Programming Experience

- **Web Programmer, June 2007 - Present**
  800response Marketing LLC (Medium Sized Company – 30+ Full-time Employees)
  Burlington, Vermont
  - Requires a wide array of programming skills, considerable knowledge of the world wide web, and an understanding of current web development trends. Includes: application architecture and database design, back-end development using open-source technologies (PHP, MySQL, Apache, Linux and others (i.e LAMP), front end development using CSS, HTML, Javascript and Ext JS, and in-depth documentation of all projects

  - Serve as one of four programmers adding to and maintaining our flagship products, 800tracking.com and findmycalls.com. In the development of these applications we utilized advanced MySQL methods and database optimization to provide the fastest return times possible. All applicable security measures where implemented in its development; all code was written using object-oriented design patterns and an in-house MVC framework. These applications receive 5,000+ daily site hits and have industry standard up-time.

  - Played a key role along with three other programmers in the design and development of 800response's CallFinder application that is now the central focus of the company's marketing strategy
  - Normalized database tables and performed extensive query optimization
  - Managed source code using Subversion
  - Fully utilized an MVC design pattern and framework
  - Maintained 24/7 high volume availability demands with few code bugs
  - Noted as having excellent return time on sensitive matters and data requests
  - Repeatedly praised for having an outstanding attention to detail when designing test plans
  - Entrusted with full access to 800response's application servers and databases, the core of the company's daily operation and livelihood