

Alexander Talbott
47 S. Pennsylvania Street, Suite 300
Indianapolis, IN 46204
317-634-7476

MISSION PROFILE For:



Senior Software Engineer (Data Mining)
Indianapolis, Indiana

I. COMPANY PROFILE:

www.humanizingtechnologies.com
www.lifepage.com

“Humanizing Technologies is a team of professional technologists dedicated to building world-class products that ‘humanize technology’”

Humanizing Technologies was established to discover, develop and deliver the next great homepage experience. Most technology in today’s marketplace is designed for no one in particular and doesn’t meet the needs of any single individual. Millions of people are forced to adapt themselves to the same “top down” features and functions. Humanizing Technologies (HT) was formed to develop technology that is “user-centric” rather than “technology-centric”.

HT recognized that people no longer wonder whether information is available on-line, but rather desire the ability to efficiently access, organize and manage it to enhance productivity in their business and/or personal lives. Thus was born LifePage ISP and LifePage Enterprise Edition (EE) products.

II. CULTURE:

True technologists just can't stop thinking about tomorrow. The future always looks bright; the question is who and what will help get us there? Even the grinding downturn of the past four years has hardly dampened the enthusiasm among true entrepreneurs, technology executives and investors. At HT, that spirit is alive and well.

The technologists at HT are true software engineers both as individuals and as team members. Those team members, through vision and ingenuity, have enabled HT to develop a revolutionary product which enables internet users to manage and access information from their personal homepage.

The product itself was conceptualized, planned and developed in "stealth mode" to enable the company to launch with functional confidence and minimize viable competition. As the product is rolled out and embraced by the market, customers will drive future version upgrades which will require on-going team effort.

Despite the excitement of developing and launching this revolutionary product, the company recognizes that a healthy employee work/family-life balance is essential for long-term enthusiasm and success.

It is clear that a strong architectural plan with input from all team members along with detailed communications among the team and the engineering manager have created a vastly different, participative and delivery working environment. The continued commitment to creating "bleeding edge" technology and an atmosphere that embraces change are foundational characteristics of this poised technology company.

III. POSITION DEFINITION, SCOPE OF WORK TO BE PERFORMED AND QUALIFICATIONS:

Position Title: Senior Software Engineer (Data Mining)

Position Reports To: VP of Software Engineering

Position Manages: None

General Function: Lead design activities for the HT suite of text search products. Lead the activities to design, develop, implement, and scale all text search software products. Work with the management team to set strategic direction regarding search products and technologies. Actively develop and support SDLC (System Development Life Cycle) processes. 100% of this position will focus on design, implementation, and scalability of HT search products.

Primary Duties/Responsibilities: You will be a member of a talented team that will perform all tasks associated with the full system development life cycle including analysis, design, programming, testing, implementation, troubleshooting and maintenance. Activities will include:

- Analysis, design, construction, specification, development and testing of code to defined deadlines and exacting standards
- Continuous Improvement
- Produce design and technical specifications as needed for technical documentation
- Use collaborative skills to work with team members in order to ensure reliability, availability and performance of applications
- Work closely with business partners to produce quality products that meet business and individual needs through future product releases.

Education: BS degree in engineering, computer science or mathematics.

Knowledge/Skills/Experience: 3+ years of industry experience in computational linguistics, information retrieval, text categorization, text clustering. Current, hands-on experience developing large scale, high performance search engines, web crawlers and other web-centric information retrieval applications. Current, hands-on experience with designing information extraction and retrieval, data mining, and machine learning algorithms and tools. Proficient in developing efficient large Java/C++. Solid understanding and execution of SDLC. Demonstrated ability to design and build complex software solutions and deliver products to market.

M.S. in Computer Science from a major University. Ph.D is a plus.

Successful Personality Traits:

- Self-Starter
- Team Player
- Strong communicator
- Dedicated
- Highly Motivated
- Creative
- Visionary
- Professional in conduct and words
- Confident in abilities
- Patient
- Ability to state their opinion
- Personable

Immediate Performance Objectives:

- Learn HT search products, architecture, implementation, and code base
- Understand strategic product objectives
- Participate in advancement and development of HT search products

6 Month Performance Objectives:

- Define career goals while at HT and beyond with timeframes

- Complete tasks and product milestone to schedule
- Support team members of completion of project and ancillary tasks
- Define, document, and execute supporting processes as required
- Stay current on current search technologies and emerging markets

One Year Performance Objectives:

- To be established based on company and personal goals

II. CANDIDATE CORRESPONDENCE TO THE MISSION PROFILE:

1. What are the greatest “non-technical” skills you bring to an organization? How have you utilized those skills to benefit a previous employer?
2. Describe your experience related to search and data mining solutions.
3. What are the key elements you consider about an employer and a position as you contemplate a new employment opportunity?
4. What is it about a “start-up company” that is attractive to you? What is it that causes you concern? Why?
5. In what type of working environment do you work most effectively?