Scott Montgomerie

#406 10116 80 AVE   EDMONTON, AB T6E 6V7

TEL 780 6191395

montgomerie@shaw.ca

http://scottmontgomerie.com

Skills at a Glance

- Management and leadership experience
- Java, Ruby on Rails, and PHP web development
- Objective C, Appcelerator iPhone development
- C# and Delphi desktop development
- Javascript, CSS, MySQL, Tomcat, Struts, JSP, XML, SOAP, Lucene, Solr
- Scalable architecture development
- Systems administration and design
- Proficient with development in Linux, Windows and Macintosh Operating Systems
- Experience in Bioinformatics, Artificial Intelligence and Machine Learning
- Bilingual (English/French)

Profile

With over 11 years experience creating quality software on diverse platforms and within different industries, I have the passion and experience to contribute value, efficiency and expertise to any team. I seek to achieve the impossible and to always push past my limits, and to encourage others to do the same. Highlights of my career include:

- Founding and creating products and teams from the grassroots startup stage through to the acquisition stage
- Being involved in all aspects of companies, from delivering code as a developer, to team management, to executive level positions
- Diverse experience in multiple desktop, web, and mobile languages

Experience

CTO, BRIXHQ.COM   **JUNE 2010 – PRESENT**

As CTO and lead developer of Brixhq.com, an online Agile Project Management tool, I am solely responsible for the day-to-day operations and development of the product, as well as customer interaction. Along with my partner in Sydney, Australia, we aim to bring better agile tools into the enterprise.

CEO, SCOPE TECHNOLOGIES   **NOVEMBER 2010 – PRESENT**

As CEO and lead developer of Scope Technologies, I am responsible for managing the research of our novel technology and its day-to-day operations. Scope Technologies aims to bring innovative computer-vision technology together with augmented reality technologies to mobile and gaming devices.

SCOTT MONTGOMERIE CONSULTING, INC.   **APRIL 2009 – PRESENT**

Scott Montgomerie Consulting creates new startup businesses, while bringing in income and broadening my experience through various consulting positions. As an independent consultant, I have written different applications in the mobile and web space, including

- Seek Your Own Proof: Agent Arcade, a game developed for iPhone in cooperation with Rocketfuel games
- GHT Parts for Global Heat Transfer, a Ruby-on-Rails-based corporate tool for managing internal processes, design processes, manufacturing processes, and inventory levels.
- Aquila iPad App, a corporate video-reel management website and iPhone/iPad App
- Poweng.ca, a power engineer tutorial site

PRESIDENT AND CTO, ZIGTAG, INC. (SEMANTI CORP.)   **NOVEMBER 2006 – APRIL 2009**

As President, CTO and principle architect Zigtag and SemantiFind products, I managed a team of developers in a fast-paced, fluid environment, and successfully implemented Scrum to build a highly efficient development team. My responsibilities included: recruiting and hiring new employees, product conceptualization and development, investor relations and encouraging new investment, as well as maintaining day-to-day operations within the company. In addition, I presented at conferences in Alberta and California as the spokesperson of the company, and developed media relationships with several high-profile members of the Silicon Valley media. The company had several technical accomplishments:

- Architected and implemented a multi-tiered, highly scalable, highly reliable architecture
- Built and administered a data center of ten separate Linux servers

- Used diverse technologies, such as Java, C#, Javascript, Tomcat, MySQL, Lucene, Solr, and SOAP
- Developed an always-on web service, API, Firefox plugin and Internet Explorer plugin
- Applied for several patents with the USPTO

SOFTWARE ENGINEER, INTUIT CANADA LTD.   2002-2006

As a software engineer, I held several software engineering positions within the company, working in several groups, such as Quickbooks, and other positions including:

- Developer at the Intuit Center for Innovation
  - Part of an elite team responsible for end-to-end product development, from the initial product concept, initial market research, feasibility and sizing, rapid prototyping, to final rapid product development and marketing.
  - Developed highly innovative new products, including a new AJAX-based tax product called SnapTax, an AJAX-based expense tracking system integrating with Quickbooks, and a desktop portfolio management system
  - Mandate was to use new and experimental technologies
- Lead developer and architect of the Taxwiz desktop and web product lines.
  - Responsible for managing and directing product development, hiring new developers as well as the programming itself

BIOINFORMATICIAN, UNIVERSITY OF ALBERTA COMPUTER SCIENCE DEPARTMENT   2004-2009

While also working at Intuit, I held a part time position at the U of A's Bioinformatics lab, working on various project, and eventually publishing two academic papers. Accomplishments during this time include:

- Work on a Bioinformatics machine-learning protein structure prediction tool called Proteus, which used neural networks to predict the secondary structure of proteins from their genetic sequence, and homology modeling techniques to determine the tertiary structure (3D structure) of novel proteins from like proteins
- Work on a text-mining project involving Lucene, called Polysearch

SOFTWARE DEVELOPER, TAXWIZ INC.   2000-2002

Prior to being acquired by Intuit Canada in 2002, I was a developer for the Taxwiz software package, on both the desktop and web platforms.

Education

UNIVERSITY OF ALBERTA, COMPUTER SCIENCE   2000-2004

Bachelor of Computer Science specializing in Bioinformatics, 2004

Publications

- PROTEUS2: a web server for comprehensive protein structure prediction and structure-based annotation. Nucleic Acids Res. 2008 Jul 1;36(Web Server issue):W202-9. Epub 2008 May 15.
- Improving the accuracy of protein secondary structure prediction using structural alignment. BMC Bioinformatics 2006, 7:301

Presentations

- Presentation at DEMO Fall 08, http://www.demo.com/demonstrators/demo2008fall/147402.html
- Interview with Robert Scoble at "Under the Radar" conference, http://scobleizer.com/2008/03/20/first-look-zigtag-semantic-bookmarking-service/
- Interview with Techcrunch, http://techcrunch.com/2008/05/05/tagging-goes-semantic-with-zigtag/

Professional Training

May 2008	Completed a seven-day workshop on Leadership Development organized by SalesPartners Inc. in Phoenix, Arizona
June 2006	Completed an intensive two-week certification in enterprise software development and quality metrics processes