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CAREER OBJECTIVE

To further a long term career while developing professional and technical skills, industry experience, and relevant knowledge at a growing information technology company that employs an e-business strategy in an increasingly global world

HIGHLIGHTS OF QUALIFICATION

E-Business

- White-hat Search Engine Optimization
- E-Marketing, Google AdSense and AdWords, Web 2.0 trends, Affiliate Marketing
- Web Usability, Effective Design, Layout, Navigation, Content
- Website Metrics: Google Analytics, Webalizer, ClickTracks

Technology

- Speech Recognition and Natural Language Processing
- Human Computer Interaction
- Database Design, Implementation, Optimization
- Artificial Intelligence: Rule-based, Logic-based, Statistics-based, Neural Networks

Analysis

- Mathematical Modeling and Optimization
- Statistical and Financial Analysis

Software and Languages

- Productivity: Microsoft Windows XP/Vista, Microsoft Office 2003/2007, Ubuntu (Unix)
- Creativity: Adobe Photoshop, Fireworks, Dreamweaver, Acrobat Professional, UML
- Programming: HTML, PHP, CSS, SQL, Oracle, Java, XML, Ant, Python, C/C++, VB

Personal

- Strong communication, presentation, and written skills
- Effective analytical problem solving using relevant knowledge and skills
- Able to effectively respond to new situations in both an individual and team setting

EDUCATION

Master of Science, University of Guelph

Present

- Applied Computer Science

Honours Bachelor of Arts, University of Guelph

Sept. 2004 – Apr. 2008

- Mathematics, Computer Science

Ontario Secondary School Diploma, Centennial .C.V.I.

Sept. 1999 – Jun. 2004

- Advanced Placement courses in Java and Western History

WORK EXPERIENCE

Graduate Research Assistant

Apr. 2008 – Present

University of Guelph

- Collaborated with Dr. Fangju Wang and Tertec Enterprises Inc., a Toronto based company, to enhance Tertec's product Mon Ami – a computer system for support workers designed to cope with an aging population
- Designed and Implemented Speech Recognition and Natural Language Processing techniques towards Mon Ami's user interface
- Applied a significant amount of knowledge of Software Development and Statistics to develop a series of prototypes and to work closely with Tertec throughout the entire design process

Undergraduate Research Assistant

Jan. 2008 – Present

University of Guelph

- Worked with Dr. Chris Bauch to design and implement a network model for the transmission and treatment of the Human Papillomavirus (HPV)
- Analysis based on population size, rates of transmission and population development, as well as the introduction of vaccines produced valuable results

Business Advisor

Nov. 2006 – Jun. 2008

Student Connections, Wilfrid Laurier University

- Presented 2-3 hour interactive seminars with topics including E-business, E-Marketing, Search Engine Optimization, and Effective Website Design to groups of 10 to 50 small and medium sized business owners
- Educated clients in Guelph, Stratford, Brantford, and Waterloo on Software and Concepts such as Microsoft Word, Excel, Access, PowerPoint, Windows, Digital Photo Management, and Building a Website
- Designed new presentation content such as PowerPoint slide decks and detailed workbooks
- Worked with Small Business and Business Enterprise Centers located in southern Ontario to organize and market E-business seminars to the business community

Consultant

Ongoing

Private, Part-Time

- Provided recommendations to business owners on the usability of their websites
- Suggested and implemented E-Marketing and Search Engine Optimization strategies
- Presented interactive seminars at Small Business and Business Enterprise Centers on topics such as E-Business, E-Marketing, Search Engine Optimization, and Effective Design

Software Developer

Ongoing

Private, Part-Time

- Designed and implemented a point-of-sale system for small markets located across Ontario
- Created a database to manage transaction and vendor information and tools to create detailed reports

AWARDS AND HONOURS

- Dean's Honours List – University of Guelph
- Mentored and trained new Business Advisors of the Student Connections program at WLU
- Designed the Guelph Rotaract Club website
- Open Directory Project (DMOZ) editor for all Rotaract Clubs located in Canada

REFERENCES AVAILABLE UPON REQUEST