

SUMMARY OF SKILLS AND ACCOMPLISHMENTS

Strong programming skills

- Designed, developed and tested several large corporate Intranet sites and web services for use by over 1000 employees using PHP, MySQL and Javascript.
 - Emphasis on usability
- Designed, implemented and tested an internal development tool built on XML and Java used to standardize product building for a professionally focussed website.

Ability to write clearly

- Developed the documentation and wrote clear explanations for several products with an emphasis on simple and concise language in order to convey complex information.

Ability to synthesize, adapt and develop material and ideas

- Designed an extensive questionnaire to elicit feedback on important aspects of a large intranet site.
- Conducted several focus groups with the primary users of this intranet site in order to get feedback on specific areas.
- Conducted one-on-one interviews with several primary users in order to elicit detailed feedback and understand specific issues and possible solutions.

Excellent interpersonal skills that enabled success with the focus group methodology.

COMPUTER SKILLS

- **Programming Languages:** PHP, Java, Python, C, JavaScript, SQL, HTML.
- **Systems:** Mac OS X, Linux, Windows
- **Software:** Microsoft Office, Apple iWork, Adobe Photoshop
- **Generally Proficient in Internet and Computer Use**

EXPERIENCE

Freelance Web Developer, London, Ontario

May 2009 - Present

- Consulted with clients on website requirements.
- Developed standards compliant and cross-platform website designs using HTML, CSS and JavaScript to client specifications.
- Utilized dynamic database-backed software, including Wordpress and Drupal, to fully implement websites to client specifications, including utilization of extensions and themes.

Systems Developer, Ontario MD, Toronto, Ontario

May - August 2008

- Worked with the internal developer team to create, design and implement a system for automated compilation of Java programs.
- Tested the system extensively to ensure proper operation under all cases.
- Wrote extensive documentation for the system to ensure clear and easy operation.
- Consulted with the developer team to ensure that all needs were met by the system.

Web Designer, Ontario Medical Association, Toronto, Ontario

May - December 2007

- Designed, developed and tested an updated intranet website design with a focus on usability.
- Worked in a small team to reorganize online content to better facilitate the needs of workers.
- Worked with employees throughout the organization to ensure content is kept up to date.
- Implemented a fully accessible menu system with special attention paid to the needs of differently abled employees.

Web Designer, St. Joseph's Health Care London, London, Ontario **May - August 2006**

- Designed, developed, tested and implemented a large scale internal website serving over 2500 nurses and health care professionals.
- Conducted numerous focus groups with front line nurses in order to get feedback on the website.
- Worked with nursing leadership to create a design that is useable by nurses of all computing backgrounds.

Software Engineer, London Health Sciences Centre, London, Ontario **2004-2006**

- Designed cross-platform web services for wide use by academics and scientists.
- Developed full access control system including log-in, session maintenance and access rights in PHP and MySQL.
- Developed large scale text-book and testing system using state of the art web technologies.
- Provided technical support for a large network of computers.

EDUCATION**The University of Toronto, Toronto, Ontario** **2005-2009**

Honours Bachelor of Science, Majoring in History and Computer Science

Queen's University, Kingston, Ontario **May 2005**E=MC² High School Enrichment Program Journalism Course**A. B. Lucas Secondary School, London, Ontario** **2001-2005**

Ontario Secondary School Diploma

REFERENCES

Caroline Ziegler	Associate Director, Corporate Information Ontario Medical Association	416-340-2855
Dr. Martin King	Nuclear Safety Director London Health Sciences Centre—University Hospital	519-663-3423
Mary Nolan	Corporate Nursing - Team Assistant St. Joseph's Health Care London	519-646-6000 x65700