Kristen Elliott

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- Offers 14 years of development experience with a focus on interactive digital content development for web and mobile for the last 6 years as evidenced by the successful execution of a wide range of projects within the television, advertising and health education industries.
- Rises to challenges and embraces opportunities for professional growth within the fast paced interactive industry by being adaptive and motivated to stay abreast of emerging trends and technologies.
- Exhibits strong interpersonal skills through an aptitude for fostering respectful and trustworthy working relationships with both team members and clients.

Technical Skills

Languages
HTML5, JavaScript, CSS, PHP, SQL, Flash ActionScript 3, C, C++, C#, VB, Java, JSON, XML

Libraries & Frameworks
ActionScript 3 Libraries: Facebook Graph API, Papervision, Box2D, Google Maps API, Google Analytics API, PhidgetLED API, Air SDK. PureMVC
PHP Libraries: Facebook Graph API, CodeIgniter, Drupal
JavaScript Libraries: jQuery, Facebook Graph API, Google Maps API, Highcharts, PhoneGap, Bootstrap

Databases
MySQL, Microsoft SQL Server

Other Development Tools
Apache, IIS, AJAX, Gulp, Sass, BrowserSync, Sublime Text 2, Flash, Eclipse, Microsoft Visual Studio, Dreamweaver, Photoshop, Illustrator

Source Control
SVN, Cornerstone, TortoiseSVN, GIT, BitBucket, SourceTree

Operating Systems
Mac OSX, Microsoft Windows 95/2000/XP/Server/8, UNIX

Career

Senior Programmer, Headcan Health Education Media; Toronto, ON - June 2012-Present
Created a variety of mobile and web applications for the health education industry using tools such as HTML5, CSS, jQuery, PHP and Flash.

- Responsible for research and implementation of new development techniques and methodologies such as moving development to an MVC platform with CodeIgniter and the introducing use of tools such as Gulp and Sass.
- Liaised with clients and 3rd party vendors to assess and meet project development needs.
- Planned, documented and implemented a new proprietary platform for health management tools used in the development of Patient Support Program applications for clients such as Walmart Pharmacy, Novartis

Pharmaceuticals, AstraZeneca and Valeant. These applications involved a combination of PHP, HTML5, CSS and jQuery
- Created Cold & Flu Symptom and Heart Health shopping list tools for Walmart Canada Pharmacy using a combination of HTML5, CSS and jQuery.
- Refactored the HIV Medication Guide drug interactions website, created an ASP.net database administration tool and created an award winning mobile application for iPhone using the PhoneGap mobile application framework. This multifaceted project also involved migrating the existing large Microsoft Access database to a newly designed relational MySQL database.

Freelance Web Developer, Self Employed: Toronto, ON - Oct 2011- June 2012

Worked with the marketing and health education industries developing a variety of interactive media and mobile projects using technologies such as Flash, PHP, HTML and Drupal.

- Worked with client to develop the UKPDS iPhone application that allows doctors to calculate their diabetic patients' cardiovascular disease risk.
- Produced an interactive UGC application for the D'Italiano Bread sandwich recipe contest. This project involved creating a contest mini site that was hosted within the D'Italiano Bread Drupal based website. Core Drupal modules were used as well as custom modules.

Senior Developer, One Pixel Off Inc: Toronto, ON - July 2010-Oct 2011

Created, enhanced and tested creative interactive ad campaigns as both stand alone web applications and integrated Facebook applications using a variety of tools such as Flash and PHP, HTML and JavaScript.

- Developed a Flash Facebook game for Tim Hortons' new fruit smoothy campaign which utilized the Box2D ActionScript 3 physics engine.
- Implemented campaigns for RIMs Latin-American Blackberry Facebook fan pages, including the first iteration of the 'Insider' twitter application and the 'Love it? Share it!' user generated content contest.
- Produced a Facebook fan page application for Hidden Valley Ranch that incorporated sections for a contest, a poll and an information page into one application.
- Created various Flash games and activities including a logo painting activity for CBC's 75th anniversary campaign and a game for Stella Artois' TIFF campaign.
- Implemented a Flex application that communicated with an IO board to control a sign of 64 LED lights. Adobe Cirrus peer assisted networking allowed users visiting the One Pixel Off website to view and interact remotely with a live video stream of the LED sign physically situated the office.
- Provided mentorship to junior and intermediate developers.

Senior New Media Specialist, TVO: Toronto, ON - April 2008-July2010

Integral member of the TVO Kids web team, involved in the development of Adobe Flash games and interactive media from conception to construction.

- Created a number of Flash based interactive content pieces for the TVOKids.com website, including games, contests and activities.
- Implemented time sensitive content designed to link tightly to the live TVO Kids television broadcast for projects such as the TVOKids Hotline webcast and viewer polling application.
- Played a strong role in planning and building the new TVOKids.com website. The site was redesigned from the ground up using the Drupal content management system.
- Heavy involvement in the design and maintenance of the site's MySQL databases including development of administrative tools for content managers.

Software Developer, Upstream Works Software Ltd: Vaughan, ON - May 2001-August 2007

Developed, maintained and tested a variety of components of the companies large scale contact centre software suite.

- Designed and led the implementation of a web based ASP.net application that streamlined system configuration and data entry for contact centre administrators.
- Created and developed server-side call routing and tracking modules and agent/administrator desktop applications in C, C++ and Visual Basic for the company's contact centre software line.
- Implemented updates to product line's large Microsoft SQL Server based reporting system.
- Designed and conducted core system testing components.

Education

Sheridan College - Spring 2008

Post Graduate Certificate in Interactive Multimedia - Governor General's Silver Medal for Academic Excellence

University of Toronto - Fall 2000

Hon. BSc. - Major Computer Science, Major Celtic Studies

H.B. Beal Technical School - Spring 1995

Fine Art Foundation Program
Special Art Program