

# Ray Yick

Independent Web Consultant at Dystopian Blue Ltd.

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## Summary

- Senior Full-Stack Web Developer with over 10 years of technical experience
- Specializing in Drupal, LAMP/LEMP (Linux, Apache, Nginx, MySQL, PHP) and other open-source technologies
- Involved in information and data architecture for web-based projects
- Established subcontractor for several digital advertising agencies in downtown Toronto

## Technical Skills

Languages	Applications & Operating Systems
<ul style="list-style-type: none"><li>• HTML, HTML5 (&gt;10 years)</li><li>• Javascript, jQuery (&gt;10 years)</li><li>• PHP (10 years)</li><li>• SQL (10 years)</li><li>• CSS (9 years)</li><li>• XML (9 years)</li><li>• C, C++ (2 years)</li><li>• Python (&lt;1 year)</li><li>• Node.js (&lt;1 year)</li></ul>	<ul style="list-style-type: none"><li>• CMS: Drupal 6/7, ExpressionEngine, WordPress</li><li>• Database: DB2, MongoDB, MySQL, SQL Server</li><li>• Graphics: Adobe Photoshop, GIMP</li><li>• IDE: Aptana, Cloud9, Eclipse, Sublime Text, Vim</li><li>• Operating Systems: Linux (Ubuntu, Debian, Linux Mint, Red Hat/Fedora, CentOS), Mac OS X, Windows</li><li>• Project Management: Basecamp, Redmine, Trac</li><li>• Web Server: Apache, Nginx</li></ul>
Information & Data Architecture	Technologies
<ul style="list-style-type: none"><li>• Wireframing (Axure XP, Protoshare, Visio)</li><li>• Constructing ERMs for database design</li><li>• Designing RESTful APIs (Apiary, Swagger)</li><li>• Applying basic principles of SEO</li><li>• Writing user guides and technical documentation</li></ul>	<ul style="list-style-type: none"><li>• API: Bullhorn, Facebook, Foursquare, Gigya, Google Maps, KickApps, Paypal, Salesforce, Twitter</li><li>• Cloud: Acquia, Amazon AWS, DigitalOcean, Pantheon, Rackspace</li><li>• Frameworks: AngularJS, CodeIgniter, Laravel, Lithium, Pods, Yii, Zend</li><li>• Front-end: Bootstrap, Foundation, Grunt, Gulp, LESS, Modernizr, SASS, Yeoman</li><li>• Mobile: PhoneGap, jQuery Mobile, Urban Airship</li><li>• Performance Optimization: CloudFlare, Memcached, Varnish</li><li>• Revision Control: CVS, Git, Subversion (SVN)</li></ul>

## Work Experience

**Dystopian Blue Ltd., Toronto, Ontario**

Jun 2008–Present

**Founder, Independent Web Consultant**

Recent Contracts:

**City of Toronto**

Nov 2016–Feb 2017

- Developed internal web form application for city staff using various Javascript libraries and conforming to Web Content Accessibility Guidelines (WCAG 2.0)

**FCV Interactive**

Feb–Mar 2016

- Migrated articles and other publications from IDRC's SharePoint system to Drupal 7 – <https://www.idrc.ca/>

- Advised Project Manager and key stakeholders on strategies to migrate data

#### **DBRS**

Jun-Nov 2015

- Built an API using Drupal Services to sync credit ratings and other content from an internal service
- Collaborated with publishing team to gather UI requirements and common use cases for the admin workflow
- Recommended and setup the Pantheon platform to host and manage the Drupal website

#### **City of Ottawa / IBM**

Jan-Mar 2015

- Built online application forms using Drupal 7's Form API and a responsive Bootstrap theme
- Integrated single sign-on with Shibboleth's SAML service provider

#### **Nuscreen Digital**

Sep-Nov 2014

- Recommended best approaches for D+H's Drupal 7 website release – <http://www.dh.com/>
- Implemented numerous client requests on Acquia's Drupal platform
- Wrote user documentation for content management

#### **CBC**

May-Jul 2013, Jan-Mar 2014

- Redesigned the school age website focusing on website optimization and responsive design – <http://www.cbc.ca/kids/>
- Designed wireframes and built a REST API in CodeIgniter for a social website where parents and children can draw and send messages, as well as manage family events using an online calendar – <http://www.kidscbcfamilysandbox.ca/>

#### **Grip Limited**

Aug 2013-Jan 2014

- Developed Lindt's *How Smooth Are You?* Facebook contest app with a responsive mobile version
- Developed the backend for the Lindt Matchmaker Facebook contest app

#### **City of Ottawa**

Aug-Dec 2013

- Designed a REST API blueprint using Apiary for the online events calendar website
- Helped create the multi-step forms for submitting events in Drupal 7

#### **BlueBand Digital**

Apr-May 2013

- Developed the Astro Kik Krew Facebook contest app – <https://apps.facebook.com/astrokikkrew/>

#### **JWT**

Feb-Mar 2013

- Assisted in the backend development of the ParticipACTION Teen Challenge website using the Pods framework in WordPress – <http://teen-challenge.participaction.com/>

#### **Tribal DDB**

Oct-Nov 2012

- Led the development of Ronald McDonald House Atlantic Canada's donation website

#### **Blast Radius**

Jul-Oct 2012

- Upgraded the LCBOgoLocal website by incorporating social media content and a pinboard, responsive design in Drupal 7
- Involved in configuring servers for release and deployment management
- Wrote detailed user documentation outlining procedures to manage website content

#### **Innovapost**

Oct 2011-May 2012

- Proposed and presented social media initiatives for Canada Post's epost service
- Designed and implemented a Facebook app, integrating epost's bill management service
- Prototyped a mobile app using PhoneGap, jQuery Mobile and Urban Airship

#### **Draftfcb**

Jul 2010-Sep 2011

- Designed wireframes and IA document for OLG's Rock-Paper-Scissors microsite
- Developed the Ontario Place website in Drupal 7 – <http://www.ontarioplace.com/>

- Migrated the Ontario Power Authority corporate website to Drupal 6 – <http://www.powerauthority.on.ca/>
- Set up an open-source email management system for OPA newsletters
- Wrote user and technical documentation

**MacLaren McCann**

Jun 2008-Apr 2011

- Planned and led the backend development in PHP and MySQL for the following contest microsites:
  - Kraft Thinsations
  - Wendy's Great After 8
  - Gibson's Finest Den
  - Delissio Hockey
  - Canada's Got Cheez Whiz Personality
  - Kraft's Peanut Butter - Spread the Feeling Tour
  - Oreo Lick Race
  - Bull's-Eye Brotherhood – <http://www.bullseyebrotherhood.ca/>

**General Motors, Canadian International Auto Show**

Dec 2010-Feb 2011

- Set up Ubuntu Server and MySQL database for touch screen kiosks at GM exhibit
- Developed a moderation system to push real-time data and Twitter feeds to a stage screen

**Creative Niche**

Dec 2010, Apr 2012

- Reconstructed the Creative Niche website using Drupal 6 and 7 – <http://www.creativeniche.com/>
- Used a SOAP API to transfer data from a job application form to the Bullhorn system

**Hart House, University of Toronto**

Mar-Sep 2010

- Revamped the Hart House website using Drupal 6 – <http://www.harthouse.ca/>
- Proposed improvements and wireframed new features for the redesigned website

**Cyberplex**

Aug 2009-Jan 2010

- Built ECHOage members section to allow users to create profile pages, import and email contacts and search for others geographically – <http://www.echoage.com/>

**Sharpe Blackmore Euro RSCG**

Jun 2009

- Developed Pollution Probe's 2009 Clean Air Commute website

**Idea Couture**

Dec 2008-Feb 2009

- Expanded search capabilities and admin functionalities on Aviva's *Let's Change Insurance* website

**G.A.P Adventures, Toronto, Ontario**

Jan 2007-Oct 2008

**eCommerce Web Developer**

- Developed a login/registration system for company website – <http://www.gapadventures.com/>
- Built an online community by implementing the KickApps social networking platform and integrating a phpBB online forum – <http://wateringhole.gadventures.com/>
- Initiated and exposed the company brand to social media on Facebook, flickr and YouTube

**TIFFReviews.com, Toronto, Ontario**

Sep 2004-Sep 2011

**Owner, Developer and Editor-in-Chief**

- Designed and developed an online user community covering the Toronto International Film Festival
- Published various content, including news articles, blogs, photos, videos and discussion forum posts

**Education**

**University of Toronto, Toronto, Ontario**

Sept 2000-May 2005

**Bachelor of Applied Science & Engineering, Computer Engineering Discipline**

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## **Activities and Interests**

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- Real estate agent, video installation artist and film enthusiast
- Avid adventure traveller having visited China, Vietnam, Cambodia, Thailand, Brazil, Argentina, Chile, Iceland, Japan, France, Morocco, Spain, Italy, South Korea, Taiwan, Singapore, Malaysia, Indonesia, Australia, New Zealand and Peru
- Team manager, captain and active player in the YCBHL (York Central Ball Hockey League)

**References available upon request**