

# Nolte Burke

curriculum vitae

## Contact

toll-free +1 (888) 899-6626  
Canada +1 (778) 707-5414  
USA +1 (253) 336-6455  
e-mail [nolte@nolteburke.com](mailto:nolte@nolteburke.com)  
website <https://nolteburke.com/>

## Articles

**Embracing the Semantic Web**  
<http://goo.gl/Kfr5xB>

## Public Speaking

**LinuxFest Northwest**  
2011, 2013, 2014  
Bellingham, WA  
*Open Source Development*  
*AJAX Web Development with XSL*

**VANTEC**  
2010, 2011  
Vancouver, BC  
*Fundraising, Product Demo*

**Western Washington University**  
2008, 2010  
Bellingham, WA  
*Fault-Tolerant Cloud Computing*  
*Web Architecture*

**Domain Roundtable**  
2008  
San Francisco, CA  
*Product Demo*

**San Juan Dealer Conference**  
2005, 2006, 2007  
Las Vegas, NV; Orlando, FL  
*Product Demo*

## Work Experience

### InComm Canada Prepaid, Inc.

**Sr. Software Developer** 2012-Present

<https://farepay.rideuta.com/>

- Manage online gift card e-commerce site and transit pass websites
- Oversee comprehensive application redesigns and deliver primary CSS/HTML assets and wireframes
- Work with business teams to establish priorities and plan releases
- Guide other developers to successfully achieve feature requirements
- Assist with partner sales and support on a technical basis
- Provide implementation feedback and development support to other development teams as W3C and usability "Subject Matter Expert"
- Manage local and remote team resources during all project phases
- Drove employee interview and testing process during hiring
- Administer projects' network and GNU/Linux server infrastructure
- Increased conversion rate by 216% by changing checkout process
- Enhanced payment processing and fraud filtering to reduce chargebacks
- Drove improvements to project management, deployment, and testing for Continuous Integration
- **Technologies:** *JavaScript, PHP, MySQL, HTML5, Facebook API, Twitter API, PayPal API, Rabbit Message Queue, MongoDB, Amazon S3, Kount API, DomainTools API, ARIN API, Twilio API*
- **Responsibilities:** *Project Management, Planning, Development, Support, Documentation*

### Name Intelligence

**Software Developer** 2007-2008

<http://domaintools.com/>

- Developed Registrant Alert, Domain Escrow, and Forums
- Experienced with replicated, high-availability MySQL and Memcache
- Managed 3rd party API relationships with Register.com and others
- Queried terabytes of database records from historical WHOIS
- Improved upon and added features to existing products including e-commerce, support ticketing, and graphics processing
- **Technologies:** *JavaScript, PHP, MySQL, XHTML, XML/JSON REST APIs*
- **Responsibilities:** *Product Design, Development, Research, APIs*

## Education

### Western Washington University

**Computer Science** 2008-2010

### Wenatchee Valley College

**Associate of Arts and Sciences** 2003-2005

## Endorsements

### Krav Maga

**Yellow Belt** 2017

### Six Sigma

**Green Belt** 2016

# Nolte Burke

curriculum vitae

## Contact

toll-free +1 (888) 899-6626  
Canada +1 (778) 707-5414  
USA +1 (253) 336-6455  
e-mail [nolte@nolteburke.com](mailto:nolte@nolteburke.com)  
website <https://nolteburke.com/>

## Github

I have open sourced my second-generation web application framework and made the code available on *GitHub* under the *Apache 2.0 License*.

*XOMBO* is a PHP framework which allows developers to create an XML API that is consumed by an AJAX interface.

The framework's XSL-driven templates allow the AJAX interface to degrade gracefully for browsers that do not support JavaScript, require accessibility options, or for SEO.

It was used as the basis for the *indyna*® project in my portfolio.

<https://github.com/nolteb>

## Portfolio

### **indyna**® intelligence dynamics 2015

<https://indyna.com/learning-centre/>

- Developed collaborative decision-making software
- Detects areas of disagreement between participants
- Uses an evidence-based decision process
- Overcomes cognitive biases that affect judgement
- Hosted in a fault-tolerant, auto-scaling Amazon EC2 environment
- Supports real-time updates across online users' browsers
- Integrated PHP and Node.js/Socket.IO codebase
- Designed application wireframes and produced HTML, CSS, and XSL
- Developed XML API back-end which drives AJAX interface
- Degrades gracefully for browsers that don't support JavaScript and SEO
- **Technologies:** *JavaScript, PHP, MySQL, XSL, XML, HTML5, CSS3, Stripe.io, System V Message Queue, Amazon AWS, Node.js, Socket.IO*

### **ROK.YT** 2012

<http://rok.yt/>

- Created URL shortening service
- Social network that shares screenshots of the sites you bookmark
- Integrated with Twitter and Facebook APIs
- Checks Google to filter "scam" URLs
- Checks page headers to flag adult content
- **Technologies:** *JavaScript, PHP, MySQL, HTML5, Twitter/Facebook API*

### **Wonton Media** 2011 (defunct)

<http://vancouver.nolteburke.com>

- Developed AJAX User Interface for direct marketing app (UI/UX design) using Twitter API integration
- Reported progress and assigned daily tasks
- Provided continuous "Art Direction" feedback to graphics artists to ensure consistency and quality amongst the team
- Championed better development processes including version control and staged releases of the e-Commerce application
- Administered GNU/Linux server and services
- **Technologies:** *JavaScript, PHP, MySQL, HTML5, Twitter API, SVN*

### **Time Dime** 2011 (defunct)

- Developed telephone time clock system for tracking hours
- Developed Android and iOS apps
- Integrated AJAX web application with telephony software
- Sold intellectual property to *The Fire Horn*
- **Technologies:** *JavaScript, PHP, MySQL, XHTML, XML/JSON REST APIs, Asterisk, VoIP*

### **Consultant at San Juan Pools** 2004-2011

<http://mypoolspace.net/>

- Developed customer-facing social network for dealers' photos
- Documented company's products and best practices in a Wiki
- Consulted directly with management and staff
- Integrated existing dealer authentication method with other products across multiple platforms and codebases
- Designed AJAX customer leads form with "Click to Call"
- Administered FreeBSD, GNU/Linux, and Windows Server 2003 systems
- **Technologies:** *JavaScript, PHP, MySQL, XHTML, XML/JSON REST APIs, Asterisk, VoIP*