

# Nolte Burke

curriculum vitæ

## Contact

phone +1 (778) 785-4806  
e-mail [jobs@nolteburke.com](mailto:jobs@nolteburke.com)  
website <https://nolteburke.com/>

## Articles

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

## Public Speaking

### **SFU**

2019  
Burnaby, BC  
*Medical Data Privacy*

### **C2CAN**

2018  
Hong Kong, Mainland China  
*Fundraising, Product Demo*

### **Volition**

2018  
Vancouver, BC  
*Fundraising, Product Demo*

### **VANTEC**

2010, 2011, 2018  
Vancouver, BC  
*Fundraising, Product Demo*

### **LinuxFest Northwest**

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

### **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

### **Lighthouse Labs**

**Mentor** 2019-CURRENT

<https://lighthouseelabs.ca/>

- Mentor to web development students at a programming boot camp
- **Technologies:** *JavaScript, Node.js, Express, Ruby, Ruby on Rails*
- **Responsibilities:** *Assisting students with their programming coursework*

### **XOMBO**

**Chairman/CEO** 2017-CURRENT

<https://xombo.com/>

- Lost 100lbs with the help of my personal trainer constantly monitoring my diet and exercise and giving feedback as-needed
- Used experience to develop Artificial Intelligence for Personal Trainers
- Integrated with Instagram and Image Recognition to detect food photos
- Integrated with Fitbit and Google Fit to capture exercise data
- Sent on trade delegation to China with National Research Council, SFU VentureLabs, and C2CAN
- Selected to be G20 YEA delegate on behalf of Canada / Futurpreneur
- Won 1<sup>st</sup> place at Volition Pitch Night
- 2<sup>nd</sup> place at Life Sciences Pitch Night
- Semi-Finalist at Start-Up Canada
- **Technologies:** *JavaScript, PHP, MySQL, HTML5, CSS3, XSL, Amazon AWS, Image Recognition, OAUTH*
- **Responsibilities:** *Project Management, Planning, Development, Grantwriting, Sales, Support*

### **InComm Canada Prepaid, Inc.**

**Project Manager** 2013-2018

**Sr. Software Developer** 2012-2013

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

- Manage online gift card e-commerce site and transit pass websites
- Assist with hiring decisions and candidate technical skills assessments
- 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
- Administer projects' network and GNU/Linux server infrastructure
- Increased conversion rate by 216% by changing checkout process
- Enhanced payment 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*

# Nolte Burke

curriculum vitae

## Contact

phone +1 (778) 785-4806  
e-mail [jobs@nolteburke.com](mailto:jobs@nolteburke.com)  
website <https://nolteburke.com/>

## Github

<https://github.com/nolteb>

## 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

## Trade Delegate

**C2CAN**  
**China** 2018

**G20 YEA**  
**Japan** 2019

## Other

**USA/Canada**  
**Dual Citizen**  
**Trusted Traveller**

**China**  
**Business Travel Visa**  
until 2024

## 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 API*
- **Responsibilities:** *Product Design, Development, Research, APIs*

## Portfolio

**indyna<sup>®</sup> intelligence dynamics** 2015 (defunct)

- Developed collaborative decision-making software
- Detects areas of disagreement between participants
- 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*

**Wonton Media** 2011 (defunct)

<http://vancouver.nolteburke.com>

- Developed AJAX User Interface for direct marketing app (UI/UX design) using Twitter API integration
- 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*