

## Robert Burns

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Managing complexity through pragmatic design and a thorough understanding of the problems being solved. Managing software development processes built to empower implementors and reduce wasted effort and resources.

### Education

2003-2007 Bachelor of Science in Computer Information Systems, Payap University, Intl. College, Honors. Created a Thai phonetic input method, and researched it's applicability to computer aided language learning.

### Skills

Fundamentals Communication, collaboration, prioritization  
Platforms Predominantly Linux, since 1998. Experienced with Mac OS and Windows.  
Tools Clojure, ClojureScript, CSS, HTML, JavaScript, PHP, Ruby, SQL  
Languages English, native speaker. Thai, high level of spoken and written ability

### Work Experience

- 4/17 - now Aristo Production Co. Ltd.  
*7/2 Rachadamnoen Rd. Soi 4, PhraSing, Mueang, ChiangMai 50200*  
Co-founder. Responsible for all software development staff and activities. Designed and implemented a software development process founded on agile concepts. Responsible for all software design decisions. Created a curriculum on Pragmatic Software Development. Delivered a series of two day workshops to universities in Northern Thailand.
- 11/16 - 12/17 Black Tangent Pte. Ltd.  
*5 Shenton Way UIC Building #10-01, Singapore 068808*  
Collaborated on the design and implementation of an internal order processing and business support platform for a mid-size telecom. The application was built with React and Ruby on Rails.
- 1/14 - 1/16 groundSWELL Software Inc.  
*5580 La Jolla Blvd, #412, La Jolla, CA 92037*  
Co-founder, Chief Product Officer. Responsible for for all user facing functionality. Contributed to overall sytem design, and implementation of backend components. We built two products: Project management software, and a billing and collections solution for the U.S. health care industry. Tools used: Angular.js, Ruby on Rails, Clojure, and Ansible.
- 8/12 - 9/16 Intropica Co. Ltd.  
*191 Huay Kaew Rd., T. Suthep, A. Muang, Chiang Mai 50200*  
Employee training and mentoring program for new developers. Frontend and backend development for a large consumer travel website. Angular.js, Node.js, Ruby on Rails, and Chef.

- 7/11 - 7/12 [BUZZWOO! Asia Co. Ltd.](#)  
*149/7 Moo 2, T. Chang Phuak, A. Muang, Chiang Mai 50300*  
 Built many marketing oriented Facebook applications. Created a real-time massively multi-player online football game for a national television network. Maintained a VM based, standard development environment for company wide use. Employee mentoring. JavaScript, jQuery, PHP, Zend Framework, APE (server side JavaScript environment), Puppet
- 6/10 - 6/11 [Pinion Co. Ltd.](#)  
*11 Soi 3, Huay Gaew Rd, T. Chang Phuak, A. Muang, Chiang Mai 50300*  
 Software consultancy owner. Project management, and client communications. Development of websites and Facebook applications. Primarily using PHP, MySQL, Drupal, and JavaScript.
- 2/10 - 6/10 [appendTo, LLC](#)  
*PO Box 2740, Evergreen, CO 80437*  
 Development and delivery of jQuery training to corporate clients. Front end web development. Heavy use of Javascript, CSS, and jQuery. Responsible for a variety of server administration tasks.
- 4/08 - 1/10 [A Mountain Top, LLC](#)  
*25 S Reed St, Lakewood, CO 80226*  
 Developed a custom Linux system image for Amtek T770 devices to support employee training software for the Old Navy family of stores. Contributed to the development of OpenCarto web based GIS software for the National Renewable Energy laboratory. Fulfilled web site development needs for a wide variety of clients as needed. Web sites were primarily built using PHP, Drupal, jQuery, and Qcubed.
- 9/01 - 5/02 [Devil's Thumb Ranch](#)  
*PO Box 750, Tabernash, CO 80478*  
 Selected, supervised the installation of, and maintained point of sale and property management systems. Maintained the internal phone system. Produced custom reports for the POS and PMS systems. Used Windows NT, VBScript for Excel, Sybase SQLAnywhere, Micros 3500 PMS, Micros 3700 POS, and Mitel SX-200 PBX
- 5/00 - 11/00 [Devil's Thumb Ranch Resort](#)  
 5/95 - 10/98 *PO Box 750, Tabernash, CO 80478*  
 Designed and produced ranch advertising. Processed payroll, accounts receivable/payable, and end-of-month reports. Designed and maintained the ranch web site. Implemented databases to serve dynamic content. Built databases for inventory, reservations, and marketing. Used Macintosh computers, Peachtree, QuarkXpress, Filemaker Pro, Photoshop, Illustrator, CDML, HTML, CSS, and Applescript.

## **Other Experience**

- 2011 - 2016 Participated in the organization and execution of a series of TEDx events in Chiang Mai, Thailand: TEDxDoiSuthep, TEDxThapaeGate, TEDxChiangMai 2013, 2014 and 2016, TEDxYouth@ChiangMai 2014
- 2009 - 2017 Local tech community development through event organization. Organized seven years of the Barcamp Chiang Mai Technology conference, and a derivative series of bi-weekly tech meetups in Chiang Mai, Thailand. Contributed to a variety of one off events: eg Node School, Angular JS meetups, and GitHub meetups.

## **Publications**

Cosh, K., Burns, R., Jordan M., Assenov I., "Identifying Customer Perceived Relationships Between destinations Using Search Engine Data" in proceedings of APTA 2010, Asia Pacific Tourism Association Conference, Macao, July, 2010.

Burns, R., "jQuery for Large Applications." jQuery Cookbook. Ed. Cody Lindley. Oreilly, 2009.

Burns, R., Cosh, K., "Navigating The Blogosphere Using Content Clouds" in proceedings of INCEB 2008, International Conference on E-Business, Bangkok, November, 2008.

Cosh, K., Burns, R., Daniel, T., "Content clouds: classifying content in Web 2.0." Library Review 57 (2008): 722-29.

Burns, R., Cosh, K., "A Framework of Test Metrics for Assessing Tester Performance", Proceedings of the 10th National Computer Science and Engineering Conference, NCSEC2006, October 2006.