

BEN GUARALDI

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SELECTED PROFESSIONAL EXPERIENCE

University of Oslo

Oslo, Norway

DHIS 2 Support Engineer / DATIM Technical Lead

2017-present

Supported and maintained DATIM, the DHIS 2 installation for the United States President's Emergency Plan for AIDS Relief (PEPFAR) initiative:

- Developed and maintained MERtide, a Python script for creating DHIS 2 forms with multiple levels of tabbed navigation, dynamic calculation, dynamic mutual exclusion, integrated validation rules, and drafts in static HTML
- Developed and maintained the Mechanism Importer, a node.js application for syncing with FACTSInfo and managing sharing and other metadata based on the sync
- Wrote shell, Python, SQL, R, Ansible, and node.js scripts for maintenance of users and other metadata
- Worked with a multidisciplinary team to create DATIM4U, a customizable DHIS 2 installation to enable various audiences to analyze PEPFAR data and integrate it with other data

iFactory

Boston, MA

Solutions Architect

2014-2017

Consulted on technical aspects of web development projects throughout their lifecycle, from pre-sales to launch:

- Wrote technical portions of 130 web development proposals representing over \$13M in sales. Prepared and presented the technical portions of 50 pitches based on these proposals, which led to winning 30 projects
- Vetted and managed vendors to implement projects in Cascade Server, Craft, Django, Drupal, ExpressionEngine, eZ Publish, Kentico, Plone, Salesforce, SharePoint, Sitefinity, Spotlight, Typo3, and WordPress
- Grew our internal Drupal/WordPress development team from one developer to nine developers
- Oversaw website development, managing risk and translating technical language for non-technical team members and vice versa
- Researched, reported on, and recommended software solutions for various clients
- Wrote HTML, CSS, Javascript, and PHP for several client websites: framingham.edu, health.ri.gov/homehealth, itrekleaders.org, rc.partners.org, roadside-mba.stanford.edu, and bennington.edu

Boston University Center for Digital Imaging Arts

Waltham, MA

Web Development Instructor

2012-2014

Taught classes to adult students on web development technologies including PHP, MySQL, Javascript, jQuery, mobile web development, htaccess, Bootstrap, PhoneGap, and AJAX. Topics included:

- Planning, writing, commenting, and debugging code
- Normalizing, importing, and querying databases
- Writing code that writes code
- Interacting with web services including Flickr, Twitter, Paypal, and Authorize.Net
- Developing mobile apps including a coupon calculator and a notepad
- Developing websites and applications including personal portfolios, film catalogues, magic 8-balls, screensavers, and computer-vs-user blackjack
- Security including protection from SQL injection, remote command execution, price manipulation, cross-browser scripting, permissive authentication, and brute force guessing of session ids

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ADDITIONAL PROFESSIONAL EXPERIENCE

48 Hour Film Project

International

Chief Technology Officer / Director of Outreach

2005-2011

As CTO, implemented and maintained the corporate technology infrastructure used by the headquarters team, 100 consultant city producers, and 40,000 international participants each year:

- Initiated, developed, and maintained a 100-user, 200-page intranet including a content management system, database management and reports, database-integrated and timed-delivery mass emails, a calendar of worldwide events, syllabi, blogs, photo approval workflow, and automation of many common tasks
- Rewrote and maintained a 600-page, interactive, database-backed, public website: www.48hourfilm.com
- Built and managed a server to deliver targeted mailings to 50,000 subscribers spread over 100 lists
- Developed an e-commerce system to bill 1,000 customers each year

As Director of Outreach, was core communications strategist between management team and project participants:

- Hired over 120 staff to produce the competition in 100 cities and 25 countries, increasing by 400% what was already the largest timed film festival in the world. Extended the festival's reach to all six continents
- Assisted with the planning and execution of post-season competitions and Filmopalooza, our annual culminating event for 200 filmmakers, held in conjunction with the National Association of Broadcasters, the Miami International Film Festival, and Cinequest. Increased by 500% the size of Filmopalooza
- With the rest of the management team, supervised 100 cities each year, servicing 50,000 filmmakers

48 Hour Film Project

US Cities

City Producer (Boston, New York, San Francisco, Black Rock City)

2004-present

Managed a film festival eleven times in Boston, as well as in New York, San Francisco, and Black Rock City:

- Recruited teams, ran events, mastered and emceed screenings, oversaw judging, and made contacts.
- Increased the size of the Boston festival by 450%.
- Showed 850 films made by 12,000 filmmakers, with participants returning at a rate of 70%.

SKILLS

Operating Systems:

- OS X
- Linux
- Windows

Server Applications:

- DHIS 2
- Postgres
- Apache
- MySQL
- Paypal
- Authorize.Net
- Mailman

Desktop Applications:

- Office
- Final Cut Pro
- GIMP
- Photoshop
- DVD Studio Pro
- Access

Languages:

- Python
- Javascript/jQuery
- SQL
- PHP
- Perl
- HTML/CSS
- Visual Basic

EDUCATION

Dartmouth College

Hanover, NH

Bachelor of Arts

August 2000

- Major: Film Studies with focus on Computer Science.
- Semester abroad at the Universitat de Barcelona, Spain.