

BEN GUARALDI

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SELECTED PROFESSIONAL EXPERIENCE

PEPFAR

Washington, DC

DATIM Development Team Lead

2016-present

Support and maintain DATIM, the DHIS2 installation for the United States President's Emergency Plan for AIDS Relief (PEPFAR) initiative:

- Supervise nine developers, assigning tasks, clarifying requirements, guiding work, and reviewing code
- Develop and maintain fourteen react DHIS2 apps for DATIM's use, including one for user administration, one for approving data values, one for deduplicating data, and one for displaying data about mechanisms
- Develop and maintain the Mechanism Importer, a Python application for syncing with FACTS Info and managing sharing and other metadata based on the sync
- Develop and maintain MERTide, a Python script for creating DHIS2 forms with multiple levels of tabbed navigation, dynamic calculation, dynamic mutual exclusion, integrated validation rules, and static HTML drafts
- Write Python, SQL, R, Ansible, node.js and shell scripts for upgrading DHIS2 as well as maintenance of data, metadata, users and systems
- Liaise with University of Oslo developers on PEPFAR's required and desired changes to DHIS2 core
- Give presentations at the DHIS2 Symposium and the DHIS2 Annual Conference on a variety of topics

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

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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)

2004-2018

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%

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