

Skills

- ◆ Back end programming in Python, PHP, and Perl
- ◆ Front end coding in HTML, CSS, and JavaScript
- ◆ Django, WordPress, Drupal, Magento, and custom platform integrations
- ◆ MySQL database & Apache web server administration
- ◆ Music notation in Finale & Sibelius
- ◆ Electrical rework (pull-through & surface-mount soldering)

Professional Experience

Web Developer & Consultant
Convolution Endeavors, LLC
2009-present

Provide both high-level evaluation/planning and final implementation of web-based projects.

- Recommend suitable platform/CMS based on requirements
- Supervise/implement integration of third-party services (Salesforce, Stripe, etc.)
- Build sites from mockups/spec
- Maintain & expand existing projects

Music Copyist
2004-present

Prepare music scores, individual parts, and MIDI demo recordings from manuscripts and electronic files. Work in both Finale and Sibelius on chamber music, jazz, and orchestral scores.

Copyist
SFJazz Collective
2005-2016 Concert Series

Provided part preparation and other copying services, served as liaison between SFJazz and rehearsal venue, engineered and cataloged rehearsal recordings.

Technician
Pioneer Research Center USA
2007-2008

Hardware maintenance on Blu-ray Disc players and plasma-screen televisions, including circuit board replacement and soldering. Maintenance programming for automated build and test system (Perl, Python, MySQL, shell scripts, Expect, Apache) and internal inventory system (PHP, MySQL). Established and maintained internal documentation search engine.

Web Developer
Feed Your Head Books
2004-2008

Coded website and created inventory database for online bookstore. Used MySQL, PHP, and HTML to incorporate database, payment options, and owner's blog into website.

Assistant Producer
Autumn Tears
2004-2006

Scheduled and ran recording sessions for Massachusetts-based record label Dark Symphonies. Contracted recording engineer and performers, managed budget, prepared written parts, and prepared master takes for 2007 release "The Hallowing."

Instrument Repairman
Allegro Music
2003-2006

Fixed and maintained clarinets, saxophones, flutes, oboes, and bassoons for music store, including private instruments, school instruments, and rental stock. Fixed brass and percussion instruments when needed, and trained new repairmen.

Select Clients

Cake & Arrow
cakeandarrow.com
2012-present

Full-service digital agency. Work on client sites in Django, WordPress, Magento, and Jekyll.

**Trauma Recovery, EMDR
Humanitarian Assistance Programs**
www.emdrhap.org
2010-present

Non-profit focused on training and connecting clinicians to treat trauma in under-served communities worldwide. Work in WordPress and a custom from-scratch PHP platform.

Envelope City
envelope.city
2016

3D mapping SaaS for real estate developers. Built user account/management system in Django which communicated with Node.js web application over APIs.

On24
www.on24.com
2015

Webinar platform. Worked on client sites in Drupal.

Tesla Motors
www.tesla.com
2013

Electric car manufacturer. Worked in Drupal.

Discography

Kayo Dot

“Hubardo” (2013, *Ice Level Music*)
“Gamma Knife” (2012, *Ice Level Music*)
“Stained Glass” (2010, *Hydra Head*)
“Coyote” (2010, *Hydra Head*)
“Choirs of the Eye” (2003, *Tzadik*)

Tartar Lamb II

“Polyimage of Known Exits” (2011, *Ice Level Music*)

maudlin of the Well

“Part the Second” (2009, *Ice Level Music*)
“Bath” (2001, *Dark Symphonies*)
“Leaving Your Body Map” (2001, *Dark Symphonies*)

Autumn Tears

“The Hallowing” (2007, *Dark Symphonies*)
“Eclipse” (2003, *Dark Symphonies*)

Education

M.F.A. in Electronic Music & Recording Media, Mills College, 2007

M.A. in Music Composition, Mills College, 2005

B.A. in Music and Mathematics, Hampshire College, 2000