

# David Dahl

## Software Engineer, Entrepreneur

**Skills:** Software engineering, development team lead and technical training

**Languages:** Python, Javascript, PHP, Emacs Lisp, Perl, C, AppleScript, bash / zsh / tcsh

**Frameworks:** Django, TurboGears, jQuery, YUI Toolkit, Mochikit

**Markup / Data Representation:** HTML, XML, XUL, JSON, Yaml

**Source Code Revisioning:** Subversion, Git, CVS

**Database Servers:** MySQL, Postgresql, SQLServer, SQLite, FileMaker Pro, Access

**Web Servers:** Apache, Lighttpd

**Streaming Media:** Adobe Flash Server, QuickTimeStreaming Server, Helix / Real Server

**Telephony:** Asterisk, Cepstral / swift / Festival

**Operating Systems:** Linux, Mac OS, FreeBSD, Windows

**Methodologies:** XtremeProgramming / Agile / Scrum, TDD

## Experience

### 2007 to Present, CMS Engineer, **Industrial Light + Magic**

Designed, develop and maintain LOIS, "Lucas Online Information System". LOIS is a knowledgebase used by over 500 artists, software developers and other Lucasfilm employees. I arrived at ILM with the task of re-writing LOIS from scratch using modern web frameworks and methodologies. Built with the Python framework, Django, and the Javascript frameworks, jQuery and YUI, LOIS is the most advanced web app at Lucasfilm.

### 2008, creator of **DropLettr.com**

DropLettr is a browser-based secure messaging tool, allowing internet users to send and receive encrypted messages "anonymously". "Anonymously" in that users are not required to provide any identifiable information when creating an account. <http://www.droplettr.com>  
DropLettr is in Private Alpha (Sept. 2008)

### 2006 - 2007, Software Tools Developer, **Argonne National Laboratory**

Python/Linux/Django development, systems training: Subversion, Web development, Python and Django training  
Helped spearhead an effort to inventory all of the computer assets at the Lab using "Hostbase server" within Bcfg2 open source project: <http://trac.mcs.anl.gov/projects/bcfg2>  
Hostbase is a web application written in Python using the Django framework:  
<http://www.djangoproject.com>.

### 2005 - Present, creator of **rCache.com**

rCache is an online research application which helps users quickly aggregate data from websites and digital documents. Currently writing some wrapper programs to integrate existing open source OCR tools. rCache Collector is an XUL/Javascript-based Firefox extension <http://www.rcache.com>

### 2004 to 2006, Software Engineer, **Leapfrog Online, Evanston, IL**

PHP/Python/Postgresql development for online marketing firm. Ecommerce development: online sales, credit card processing, fulfillment and reporting tools.

XP/Agile methodologies used in everyday work. Ecommerce system processes in excess of \$25K per day in orders. Wrote and maintained HTTP/XML-RPC tools for processing remote order and customer data.

**2000 to 2006, Independent Contractor**

Macintosh/Windows cross-platform application development, Web/Database application development, workflow-publishing solutions, streaming QuickTime solutions, Linux system administration, web, database, email hosting. Sales and marketing of web and database application development services, software training

**Clients**

[Apple Inc.](#)

[The Art Institute of Chicago](#)

[Alaron Trading](#)

[Guidance Recordings](#)

[MethodEngine](#)

**1999 to 2000, Chris Moyer Consulting**

Web, database application development

**1998 to 1999, The Art Institute of Chicago, Chicago, IL**

Intranet/Web development, web, file server admin, network and system troubleshooting

**Contact**

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