

Professional Experience

Addepar 2016 - CURRENT	Backend infrastructure engineering of financial investment and portfolio analysis platform representing \$400 billion assets under management.
Phoenix Age / Kabam 2013 - 2016	Technical lead of scalable backend infrastructure, and full stack feature development for top grossing, massively multiplayer mobile games of 15+ million users.
DuckDuckGo 2011 - 2013	Developed and managed open source repositories hosted on GitHub, responsible for responding to pull requests. Added features to and maintained the DuckPAN platform. Implemented business driven integrations with companies such as ESPN and Amazon. Wrote internal services and development tools, servicing ~4 million daily users.
Active Hamptons 2009 - 2010	Designed and implemented activehamptons.com, an informational website for Active Hamptons Private Coaching.
TemPositions 2009	Developed internal tools to monitor search referrals and generate reports. Designed and implemented SEO safe strategies to migrate online resources safely.

Technical Skills

Languages	Perl, Python, PHP, Objective C, C, C++, Javascript, Java, Shell, SQL, Haskell
Software Packages	Apache, NGiNX, MySQL, Vertica, Couchbase, Redis, Nagios, Ganglia, BIND, Postfix, Dovecot, Chef, Gitolite

Personal Projects

	https://disinclined.org/git	https://github.com/majuscule
disinclined.org	I manage this Debian VPS which hosts my code repositories, email accounts, and virtual domains including my personal website and technical blog.	
matrixnullspace.com	A web application written in Python to calculate the null space, eigenvalues and determinant of a given matrix.	
powermate	I wrote this Haskell program to control ALSA, MPD and Pianobar with a Griffin Powermate, binding arbitrary shell scripts to physical gestures. It is available in the Arch User Repository.	
irssi-notify	I run irssi (an IRC client) in a shared screen session on my server. I wrote this C program to forward IRC highlight notifications over a TCP/IP socket for local desktop alerts using libnotify.	
popularperl.com	A listing of popular perl modules. To make this, I wrote a simple Catalyst model, Catalyst-Model-MetaCPAN, to simplify developing against the MetaCPAN API.	
App-GitHubPullRequest	I added git integration and the 'checkout' feature to this open source command-line tool to query GitHub pull requests. The new feature checks out the specified pull request in a dedicated tracking branch. If the remote repo is not already specified in your git config, it will be added and the branch will be fetched.	
nasm-demonstration	64 and 32 bit Netwide Assembly demonstration, in the form of a needlessly complicated hello world featuring a branch, macro and function.	