

SKILLS	C C++ Objective-C Ansible Bourne-Shell Ruby Python Java Lua L ^A T _E X Emacs-lisp Haskell Scheme Matlab ToastMasters
EDUCATION	Texas A&M University College Station Texas USA May 2017 Bachelor of Science in Computer Engineering, Computer Science Track
EXPERIENCE	Groupon Palo Alto California USA June 2016 - Present FreeBSD ZFS MySQL Postgres Poudriere R Ansible Shell <ul style="list-style-type: none">• Systems Engineering intern at Groupon working with FreeBSD-based database hosts.• Devised method of mirroring upstream packages with pkgng team members.• Benchmarking produced significant (8-10x) performance increase in MySQL setups.• Created automated OS install image building process for automating regression tests.• Work with external consultant (iXsystems) to update host provisioning system
SELECTED PROJECTS	Click-Bait Blocker Google Chrome Javascript convnetJS HTML CSS <ul style="list-style-type: none">• Google Chrome extension to block “Click Bait”, or pointless articles• Blocks posts on Facebook and tweets on Twitter• ConvNetJS in-browser neural nets are used for classification• A supervised neural net is trained with RSS feeds and Amazon Mechanical Turk MythNAS FreeBSD/NAS/pfSense Mac OS X MythTV MySQL ffmpeg OpenSSH rsync <ul style="list-style-type: none">• Use TV tuners together in a custom DVR with 8 simultaneous 1080i recordings• Launchd scripts are used to tunnel out from the client to nearest mirror• Use ffmpeg and MythTV perl API to cut commercials out of TV shows• rsync syncs remote laptop and DVR if network connectivity is available• Make use of VPS in New York, New York and Frankfurt, Germany as mirrors• Usage locations include Yuzhno-Sakhalinsk, Russia; Basra, Iraq; Dubai, UAE iTerm2 Badge Mod <i>github.com/gwydirsam/iTerm2-Mod</i> Objective-C <ul style="list-style-type: none">• Submitted Pull Request to iTerm2 Author (now issue #3508) emacs-mac-borderless <i>github.com/gwydirsam/emacs-mac-borderless</i> Objective-C Emacs-Lisp <ul style="list-style-type: none">• Removed normal OS X cocoa border to match iTerm2’s “no title bar” option• Fixed bug where window did not respond to mouse clicks Spacemacs <i>github.com/syl20bnr/spacemacs</i> Emacs-Lisp Ruby <ul style="list-style-type: none">• Several small bug fixes and issues submitted Github <i>github.com/gwydirsam</i>