

Sam Winborn Gwydir

sam@samgwydir.com 418 College Main, Apt. #309
(713) 446-0367 College Station, TX 77840

OBJECTIVE	Seeking a summer internship position that will provide an opportunity to contribute to important, real-world projects.
EDUCATION	Texas A&M University College Station Texas USA (December 2016) Bachelor of Science in Computer Engineering, Computer Science Track
PERSONAL PROJECTS	Github github.com/gwydirsam MythNAS FreeBSD/NAS Mac OS X MythTV ffmpeg OpenSSH rsync ZFS <ul style="list-style-type: none">• Use MythTV and SiliconDust Cable TV tuners together in a custom DVR• Shows can be recorded and deleted through web interface• Usage locations include Yuzhno-Sakhalinsk, Russia and Basra, Iraq• Launchd is used to maintain OpenSSH tunnels out to VPS• rsync syncs remote laptop and DVR if network connectivity is available• Make use of VPS in locations around the world as mirrors Database Engine & Blog github.com/gwydirsam/CSCE315-DBMS C++ Boost GNU Readline Getopts CMake Bash <ul style="list-style-type: none">• Wrote Database Engine that implements a SQL like domain specific language• Designed a CLI blog app on making use of DB backend• Wrote a simple DSL “shell” for debugging using GNU Readline• Created custom CMake/Shell scripts to build application and link libraries iTerm2-badge-mod github.com/gwydirsam/iTerm2-Mod Objective-C <ul style="list-style-type: none">• Moved the per-tab label or “badge” to the bottom right• Submitted Pull Request to iTerm2 Author (now issue #3508)• The option to move the badge is now part of the version 4 milestone spacemacs github.com/syl20bnr/spacemacs Emacs-Lisp Ruby <ul style="list-style-type: none">• Added spacemacs icon to “emacs-mac” homebrew formula• Actively help users in IRC channel• Several small bug fixes and Issues submitted