

Sam Winborn Gwydir

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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 Bachelor of Science in Computer Engineering, Computer Science Track	(May 2017)
SELECTED PROJECTS	Click-Bait Blocker (<i>unreleased</i>) Google Chrome Javascript convnetJS HTML CSS <ul style="list-style-type: none">• Google Chrome Extension to block “Click Bait”, or pointless articles• ConvNetJS is used to implement an in-browser deep neural network• Work is still progressing on training a deep supervised neural network• This project is done with Chris Findeisen (<i>github.com/atrus7</i>) 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• Use ffmpeg to cut commercials out of tv shows• 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 Frankfurt, Germany as a mirror• Usage locations include Yuzhno-Sakhalinsk, Russia and Basra, Iraq Eugenics <i>github.com/gwydirsam/Eugenics</i> C++ CMake Google Test GNU GetOpts Python matplotlib Agile <ul style="list-style-type: none">• Eugenics is system to generate and visualize a genetic algorithm• The algorithm attempts to generate circuits from a truth table• Travis CI was used for continuous integration testing la Agile• Created custom CMake/Shell scripts to build application and link libraries iTerm2-badge-mod <i>github.com/gwydirsam/iTerm2-Mod</i> 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 <i>github.com/syl20bnr/spacemacs</i> 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	

Github *github.com/gwydirsam*