

Sam Winborn Gwydir

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EDUCATION

Texas A&M University College Station Texas USA **2010 - (Spring 2015)**
B.E., Computer Engineering B.E., Electrical Engineering Minor, Mathematics

Carnegie Mellon University Pittsburgh Pennsylvania USA **Summer 2009**
Pre-College Advanced Placement

Stratford High School Houston Texas US **2006 - 2010**

PROFESSIONAL INTERESTS

Operating Systems Programming Languages Free Software Text Editors Security
Interface Design Signal Processing Compression Encryption Emulation

PERSONAL EXPERIENCE

ToastMasters Programming for UNIX Data Structs. & Algrthms. C++ Language
Officer 2013 Tutor F2013 Tutor F2012 - S2013 Tutor S2011

TECHNICAL SKILLS

Proficiency Descending

Languages Objective-C/C++/C Ruby Haskell ZSH/Bash Scheme

Markup HTML CSS L^AT_EX Markdown DocT_EX

Frameworks Cocoa Ruby on Rails

Tools Emacs Vim Git Regular Expressions Mathematica Xcode InDesign

OS Mac OS X *NIX & BSD (Gentoo, OpenBSD) Windows

Skills Soldering Analog & Digital Circuit Design Schematics Blueprints

PROFESSIONAL EXPERIENCE

Assistant *Dr. William Bassichis (Texas A&M University)* **2012 - Present**
L^AT_EX T_EX Emacs Mathematica GnuPlot
Reformatting and Updating Figures for Don't Panic I, II & III, migrating original T_EX to L^AT_EX. Assisted in creating documents for publishing in journals.

Web Consultant *Stratford Playhouse* **2010**
Squarespace HTML CSS
Created a Squarespace blog which hosts the playhouse's news, photos and ticket sales.

Web Designer *Lance Brown*
MailChimp HTML CSS
Created a table based layout for an email to Liskow & Lewis' clientele for an annual meeting.

Web Designer & Photographer *Julie King* **2010**
HTML CSS
Created a website showcasing the their home put up for sale.

IT *J & E Construction Company* **2010 - Present**
Miscellaneous technical support, from document creation to remote backup and cloud storage.

Summer Intern *FMC Technologies* **2009**
Transferred data to new documenting system; Tested new formula for RFID covers.

PERSONAL PROJECTS

SamGwydir.Com *System Administrator* **2012 - Present**
OpenBSD ksh OpenVPN nginx OpenSMTPD Dovecot Postfix
My personal server, which besides acting as a test bed, hosts a VPN for my use, and will soon host my website and email. I chose OpenBSD to explore BSDs and for it's focus on security and "correctness".

TAMU Toastmasters *Consultant* **2013 - Present**
Ruby on Rails HTML CSS Postfix Dovecot
Building a new website for TAMU Toastmasters based on Ruby on Rails and hosting the mailing list.