

# Quinn Morrighan Storm

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## Contact Information

+1.702.550.2984

[rtmf@beautifulsunrise.org](mailto:rtmf@beautifulsunrise.org)

[quinn@tymestl.org](mailto:quinn@tymestl.org)

[livinglatexkali@gmail.com](mailto:livinglatexkali@gmail.com)

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## Core Competencies

Project Management

Systems Administration

Software Development

Networking

Dev/OPS

IT Support

Community Management

Hardware Engineering

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## Languages

Python

C, C++, Objective-C

Bash, ZSH, sed, awk, grep, etc.

HTML, XHTML, CSS

Java

PHP

Javascript, JQuery, Node

MySQL

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## Software Packages

GDB, Valgrind, strace

CVS, SVN, GIT, Gitlab

Apache

Postfix, Dovecot, Cyrus

OpenVPN, StrongSwan

Systemd

APT, dpkg, pacman, makepkg

Autotools

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## ditto.com — Dev/OPS

May, 2016 — July, 2016

2nd Dev/OPS engineer, startup with significant enterprise clients and scale.

- ▶ Dev/OPS for an e-commerce/SaaS site with an end-user-facing product using our backend as visibly placed as Wal\*Mart, on an AWS+docker+ansible-backed platform.

## Beautiful Sunrise Solutions — Founder

December, 2013 — Present

Under this name, I have begun building a business centered around F/OSS consulting, seeking to offer comprehensive services as a true generalist.

- ▶ So far, my clients have included tasks ranging from Dev/Ops for growing e-commerce site written in django, java for android for a telepresence robot, migrating a microfactory from windows to linux and more.
- ▶ This includes a continuation and expansion of much of the VPS services began under Concordia, as directly concordia-related activities have slowed in the past number of years

## Robots Everywhere — Minion

November, 2012 — February, 2014 w/ occasional consulting through present - see BSS above

I've been engaged as a consultant with this small NASA contractor based out of San Rafael California, a staunch supporter of Open Hardware and Software specializing in automation itself and therefore the research, development, and just-in-time manufacturing of almost anything imaginable.

- ▶ Electronic design, prototyping, and assembly (Analog/audio and digital), PCB layout
- ▶ Micro-controller hardware design and software development (MSP430, Arduino, Propeller)
- ▶ 3D printer maintenance and operation, Android software in Java, Linux/Windows Desktop Software in C with GTK
- ▶ Custom software integration including hardware support and implementation of reverse engineered protocols

## Concordia Collective — Co-Founder

October, 2009 — Present

A collection of improbable people working together to design a more interesting future for us all

- ▶ Everyday infrastructure for getting the work of thinking very hard done
- ▶ Tool development, co-working and -learning environments
- ▶ VPS management first on ubuntu then arch with services ranging from DNS to e-mail to VPN (even StrongSwan for a very frustrating short time)
- ▶ Everything home/entertainment-side too with synchronized streaming audio in arbitrary collections of rooms and a media center setup

## Bluepulse — Production Engineer

July, 2008 — October, 2008

Sole administrator responsible for the entire production infrastructure of this social messaging provider.

- ▶ Linux system administration on Ubuntu
- ▶ General IT work, set up office wireless network, set up Ubuntu desktop machines, etc.
- ▶ Tool development in Bash/sed/AWK/grep for general systems administration and infrastructure

## Everex — F/OSS Advocate

November, 2007 — April, 2008

Lead in-house developer and all-around advocate for the PC manufacturer's debut in the Linux-based netbook market

- ▶ Created Linux drivers in C to support wifi hardware from x86 disassembly alone
- ▶ Custom integration and systems deployment for Linux-based netbook product, one of the first to sell in Wal\*Mart

## VMware — Software Engineer

July, 2007 — October, 2007

Member of the tools team supporting internal development and process for the virtualization giant

I am a transwoman and during the time I worked with VMware I had not yet changed my name, I was given the same name as my father when I was born, Thomas Kenneth Morrow, and I changed it in early 2008 or late 2007 (I honestly do not remember if it was before or after new years) to Quinn Morrighan Storm. There is also some code out there under my old name.

- ▶ Build and install system development in C, Perl, Bash
- ▶ Internal development infrastructure tools creation support and integration

## Beryl — BDFL

May, 2006 — April, 2007

Creator and leader of the team responsible for this Compiz fork that finally brought the wobbly windows out of the shadows and onto your desktop!

- ▶ Managed an international team of open source software developers via IRC, e-mail and XMPP
- ▶ Created the modular Emerald window decorator and accompanying Emerald Theme Manager frontend
- ▶ Created configuration architecture library libberylsettings and autogenerated frontend application//
- ▶ Created and maintained Debian style APT repositories containing Ubuntu packages, with automated package generation scripts
- ▶ Hosted and managed development infrastructure, including source control through CVS, SVN and GIT and custom tools
- ▶ Read each new post on the Beryl forums and replied to over 90% of them personally to provide individual support
- ▶ I do not recall if I ever updated any copyright headers from Thomas Kenneth Morrow to Quinn Morrighan Storm when I changed my name in 2007/8