

Morgan Gangwere

Curriculum vitae

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GOAL

Be a part of a crack team of awesome people that deliver solutions to problems when nobody else can with solutions that will keep going until UNIX time runs out and beyond, which are easier to maintain than a classic car, documented like Gray's Anatomy, and elegant like a haiku.

SELECTED PROJECTS

2015 **ZaibatsuTel (zaibatsutel.net)**
Personal projects in a memory and processor constrained environment.

2015 **OpenKeychain (openkeychain.org)**
Contributed bugfix for GSoC 2015 qualification, fixed bug involving large transactions.

2014 - NOW **Atomic (github: indrora/atomic)**
Fork of yaaic focused on stability and technical debt payment

Flagship Project: Atomic

Atomic is an IRC client forked from yaaic in early 2014 as yaaic was in maintenance mode at the time. The projects have split into different directions due to structural changes. Atomic focuses primarily on the cleansing of technical debt from support of older Android platforms, however new features have been added during development (color schemes and network loss handling.) Planned changes include a complete rewrite of the underlying IRC client library, which was originally built upon the PircBot library.

One aspect of Atomic's development has been performance on low-end devices, resulting in careful management of references, specifically of the results of string manipulation operations.

This project has been an exercise in release management and maintaining an unknown codebase. All source has been kept in a `git` repository to maintain history and aid in development.

PRESENTATIONS

APR. 2013 **Git: Zero to Hero**
A Skin-Deep look at DVCSs and how to think with Git, presented to NMUG (New Mexico .NET Users Group.)

FEB. 2012 **Typesetting Beautiful Presentations**
A 5 minute Flash Talk on presentations, typefaces and driving home points, presented at Ignite NM 2012

OCT. 2011 **Cross-Platform Development with Mono**
An informal discussion of the differences between the Microsoft and Mono .NET toolchains; presented for NMUG

JUL. 2010 **Effective User Interfaces**
A crash course in good interfaces for developers, presented to NMUG

EDUCATION AND CERTIFICATIONS

2015 - 2017 **University of New Mexico, Albuquerque, New Mexico**

2008 - 2014 **Network Administration**
ASSOCIATES IN APPLIED SCIENCES
Central New Mexico Community College

2008 **LabVIEW CLAD Certification**
National Instruments

COMMUNICATION SKILLS

ENGLISH Native speaker

FRENCH Semi-literate - basic functional skills

SOFTWARE SKILLS

GOOD LEVEL C, C++, Java, PHP, Linux (Debian, Fedora, Arch), \LaTeX , Cisco IOS

INTERMEDIATE LabVIEW, Bash, BSD, git, svn, nginx, MySQL/MariaDB, Python

BASIC LEVEL Windows Administration, kernel hacking

References upon request