

# Morgan Gangwere

morgan.gangwere@gmail.com  
+1 505 639 7551  
135 Hortencia, Sandia Park NM 87047  
(Willing to relocate to Seattle area)  
<https://zaibatsutel.net>

## Recent Project History

**Alexandria (2017)** Python/Web/Linux  
Google Summer of Code 2017, accepted project to re-write existing PHP/Lua mixed frontend in Python, created in-situ build system with systemd and qemu.

**ZaibatsuPass (2016)** C#/Windows 10  
<http://zaibatsutel.net/app/pass>  
Transit card reader for Windows 10 Mobile.

**PhreakOut (2016)** C#/Windows 10  
<https://zaibatsutel.net/app/phreakout>  
MF/DTMF tone generator for Windows 10.

**C# support for Kaitai (2016)** C#/library  
<https://kaitai.io>  
Implemented .NET/C# support for reverse engineering tool.

**DeadUpdate (CVE 2016-3966) (2016)**  
<http://teletext.zaibatsutel.net/post/145370716258/>  
Privilege escalation vulnerability in ASUS LiveUpdate service.

**9track (2015-2016)** Python/Web  
<https://github.com/indrora/9track>  
Personal file indexing and sharing platform.

**Jour Et Nuit (2015)** Java/Android  
<https://github.com/indrora/jour-et-nuit>  
BTLE fitness band reverse engineering application.

**OpenKeychain (2015)** Java/Android  
<https://openkeychain.org>  
Contributed root-cause bugfix for GSoC 2015

**Atomic (2014-2016)** Java/Android  
<https://github.com/indrora/atomic/>  
IRC client forked from yaac with added features; migrated to maintenance mode.

# Penguin Tamer, GNU Hurder

## Goal

To be employed (at an internship level) doing technical work to further my communication and technical skills.

## Speaking History

**Fiddler On The Roof**  
**DEF CON 24 (2016)**  
Gave presentation on basic usage, extension and uses of the Fiddler web debugger

**Git: Zero to Hero**  
**NM .NET user group (2013)**  
Presented an overview of the Git DVCS, introduced primarily SVN users to Git and basic functionality.

**Typesetting Beautiful Presentations**  
**IGNITE NM (2012)**  
Short (5 minute) lightning talk on fundamentals of effective use of type in presentations.

**Cross-Platform .NET development with Mono**  
**NM .NET Users Group (2011)**  
Introduced .NET developers to the Mono cross-platform toolchain; discussed advantages and limitations of Mono's .NET implementation and future directions.

**Effective User Interfaces**  
**NM .NET Users Group (2010)**  
Discussed basic UI concepts with developers at usergroup meeting.

## Education, Certifications

**University of New Mexico: Albuquerque, NM (2015-current)**  
*Pursuing Bachelor of Arts in Organizational Communications, minoring in Professional Writing. Expected graduation: May/December 2019.*

**Central NM Community College: Albuquerque NM (2008-2014)**  
*Graduated with Associates of Applied Sciences, focus in Network Administration.*

**FCC Amateur Radio licensure (General license) (2016)**  
*Passed Element 3 of the FCC Amateur (ham) radio licensing. Previously, passed Element 2 (Technician license), callsign K9HAX.*

## Skills

**Core:** Network Administration, People Skills, Software Development (.NET/C#/Python)  
**Ancillary:** Web Development (Python), Reverse Engineering, Education/Outreach