

Morgan Gangwere

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<https://zaibatsutel.net>
<https://github.com/indrora>

Developer, Reverse Engineer, Speaker

Goal

To be employed as a software developer doing novel development, reverse engineering and/or developer outreach.

Project History

- 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 yaaic with added features; migrated to maintenance mode.

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 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: C#/.NET Development. Android development. .NET Reverse Engineering, Technical presentations.

Ancillary: Java, Java Reverse Engineering, C, C++, Python, Linux (Debian), Network Administration.