
SUMMARY OF QUALIFICATIONS

Software developer, computer technician, and systems administrator, with a combined total of five years' professional experience in various technical positions, along with several years of hobbyist programming and software reverse engineering experience.

EXPERIENCE

Software Developer
(Confidential)2021 – Present
Henderson, NV

- Working with a small team of developers to create a port for a popular arcade-style game, and also collaborating with the original creators of the game for this port.
- Working to develop a sound driver for classic arcade hardware.
- Assisted the other developers by writing scripts to help with converting graphics, with plans to expand to writing tools for importing music/sfx.

Various Projects
(Personal Projects)2015 – Present
Henderson, NV

- Reverse-engineered and developed mod patches for various video games, including an unofficial English translation of Itadaki Street 2, a Super Nintendo game.
 - Reverse-engineered the original game's code, and wrote new code patches for the game.
 - Translated and edited text for the patches.
 - Wrote an application in C# to patch the original game with modified code.
- Contributed code to several open-source projects.
 - Wrote code and submitted pull requests for an open-source fan-made game based on a popular Nintendo game.
 - Wrote code and did reverse-engineering research for a modding tool for another game.

Integration Specialist
I-View NowFebruary 2014 – June 2015
Henderson, NV

- Worked in a team with several other developers to design and develop C++ and C# applications used in integrating digital video recorders, cameras, and alarm systems with I-View Now's video verification services, along with the backend systems to manage them.
- Resolved customer issues during and after video device installation.
- Configured and managed IVN's Windows servers, including servers running Windows Server 2003, 2008 R2, and 2012 R2.

Technical Support Representative
DTTDecember 2013 – February 2014
Las Vegas, NV

- Answered customer support calls in a call center, resolving issues for customers across the United States.

Computer Technician
Computer Technician Intern
Cameron University, Information Technology ServicesJanuary 2011 – August 2013
January 2010 – July 2010
Lawton, OK

- Diagnosed and resolved help desk support tickets for university students, faculty, and staff, including hardware and software troubleshooting.
- Managed and configured computer labs across campus, including doing software installation and OS image configuration.
- Configured and administered Windows and Mac OS servers for use with campus computer systems.

EDUCATION

Bachelor of Arts (B.A.)
Cameron University

Graduated July 2012
Lawton, OK

- Graduated with a double major in both Mathematics and Computer Science.

TECHNICAL SKILLS

- Knowledge of and experience using C#, C/C++, Lua, PHP7, and MySQL.
- Knowledge of and experience writing assembly code for several classic CPU architectures (6502/65816, Z80, 68K).
- Basic knowledge of Windows Server and Linux (mainly Debian-based, including Ubuntu) systems administration.
- Experience with the following additional technologies and applications:
 - Git
 - Oracle VirtualBox
 - Visual Studio (2015, 2017)
 - IDA Pro