

JACOB TJOLSEN

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SUMMARY

Skilled in Combat Design, Programming, Sound Design, and Quality Assurance.

EDUCATION

BS, Computer Game Development, DEPAUL UNIVERSITY, CHICAGO, IL

GAME DEVELOPMENT

SUPER SMASH FLASH 2, ONLINE 2012-2015

One of the most popular Flash-developed (fan)games, based on the game Super Smash Bros. Found here: <http://mcleodgaming.com/games.php>

PROGRAMMER, LEAD AUDIO DEVELOPER, BALANCER, COMPOSER, TESTER

- Designed/programmed multiple characters and *heavily* modified entire roster to give game more consistency.
- Replaced every audio asset with high quality, properly mixed renditions, some of which were created by myself.
- Composed much of the music in the game, including the main theme.

MACK VS WINDOWS, CHICAGO, ILLINOIS 2011-2012

DePaul University's entry for the 2012 Independent Games Festival. Trailer:

<https://youtu.be/aEFQJxR472A>

LEAD SOUND DESIGNER, TESTER

- Created all sound effects and music for the game, which was the most praised aspect of the game.
- Implemented XACT engine into game.
- Discovered and solved some of the largest bugs in the game's physics.

BRAWL MINUS, ONLINE 2010-2011

A Super Smash Bros. Brawl mod project which received international attention. Found here: <http://brawlminus.net>

TEAM LEAD (2011), QUALITY ASSURANCE LEAD, BALANCE LEAD

- Responsible for coordinating tester and community input for future updates.
- Completely redesigned multiple characters, made major/minor tweaks to rest of cast.
- Created much of the art assets, including a new loading screen and character portraits.
- Uses PSA ("Project Smash Attacks"), a robust scripting engine for editing Smash Bros Brawl files directly.

PROFESSIONAL EXPERIENCE

CAPITAL ONE, ROLLING MEADOWS, IL **2013-2016**

One of the 10 largest banks by deposits in the country and a Fortune 500 company, which specializes in financial technological innovation.

HELP DESK SENIOR SUPPORT ANALYST

Supported merchants with accessing proprietary software, including resetting passwords, troubleshooting issues, and tracking call volume. Team focused and acted as the primary contact for shift coverage. Learned and applied waterfall and agile software development concepts.

- Developed pivot tables to track and report call volume to senior leadership.
- Trained staff on system operations.
- Enhanced processing efficiency to improve productivity.
- Known as highly dependable by peers and managers.

DEPAUL UNIVERSITY, CHICAGO, IL **2008-2009**

SOFTWARE SUPPORT SPECIALIST

Developed a new website, application, and database for university’s career center to replace old, and more costly, pre-made engine that was being used before. This is still being used to this day.

- Assisted in development of new employment website for DePaul University (uses SQL and ASP.NET).
- Installed new hardware for DePaul University desktops.

COMPUTER SKILLS

<u>Software Packages</u>	<u>Operating Systems/Hardware</u>
Adobe Flash Professional	Windows XP, 7
Logic Pro	OSX
XACT	PC
Adobe Photoshop	<u>Languages</u>
Open Broadcast Software	HTML/CSS
Project Smash Attacks	Java
Microsoft Office	C++
Microsoft Excel - Pivot Charts	ActionScript
Hewlett Packard Service Manager	SQL
Resource Access Control Facility	C#