

Dan

McFerren

Game Scriptor / Game Designer

Dedicated, disciplined, and highly organized app and game development professional offering a unique perspective on development with business goals in mind. Talented trainer and mentor to staff. Resource of choice to executive leadership.

Areas of Expertise

- Agile development
- Best Practices (Clean Code, Design Patterns, Unit Testing)
- Systems & Server Administration
- Network Management
- Goal-Directed Development
- Team Performance Management
- Staff Training
- Strong Communication and Interpersonal Skills
- Troubleshooting
- Quarterly/Annual Planning

Technical Proficiencies

Languages: C#, PHP, ASP.Net, Java, C++, JavaScript

Tools: Visual Studio, Visual Studio Online, JIRA Agile, BitBucket, Adobe Creative Cloud, IntelliJ, Eclipse

Engines: Unity (4.2+), Unreal 4

Platforms: Windows(XP, 7, 8, 10, Server 2003, Server 2008), Android (4.2+), iOS (7+), Linux (Red Hat, Ubuntu), Mac OS X, UNIX (Solaris, HP-UX)

Database: MS SQL Server, MySQL

Professional Experience

[Nexersys](http://nexersys.com/), Austin, TX, <http://nexersys.com/>

Game Developer, 02/2014 – Present

Technical Scope: Core member of the engineering team, developing interactive fitness products using Agile/Scrum methods, and adhering to design patterns and clean code standards. Also responsible for IT environment, Microsoft Dynamics CRM support, and the development of custom Business Intelligence dashboards for each department.

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dan@thoughtfulrevolution.com

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- [King of the Ring](#) – coin-operated arcade game, originally coded using OGRE on an embedded Linux platform using a custom CPU architecture. Refactored legacy C++ code to leverage design patterns.
- [Cross Body Trainer](#) – specialized accelerometer hardware connected to mobile devices via Bluetooth LE. Worked on the project from Day 1 to post-release, coding in Unity (4.4 to 5.0.1 using C#) and developing the Android BTLE interfaces in native Java. Also implemented Facebook and Twitter integration, and RESTful communication with custom Microsoft Azure architecture.
- [Nexersys Fitness](#) – high-intensity interval training equipment, focused on striking. Worked on version 3, which converted the legacy embedded Linux platform to a custom Android build on Unity (using C#).

[Thoughtful Revolution](#), Austin, TX

Coder, 11/2011 – Present

Technical Scope: Implemented designs in Wordpress using PHP, HTML, CSS, and JavaScript/JQuery. Managed MediaTemple dedicated virtual servers and associated LAMP stack. Troubleshot remote problems with client hosting and email.

[VersaSuite](#), Austin, TX, <http://versasuite.com/>

EHR Development Manager, 01/2012 – 01/2013

Technical Scope: Managed a team of developers using a custom in-house development tool to produce customized medical software interfaces

Prior Related Experience

[United States Navy](#), San Diego, CA

Information Systems Technician II, 09/2005 – 09/2011

Technical Scope: Linux/UNIX/MS Windows Systems Management, Security Administration, Network Administration, Server & Workstation Repair, Software & Hardware Support
Administered, supported, and upgraded mission-critical classified and non-classified networks. Ensured maximum uptime and optimal performance in full compliance with security policies. Provided hardware

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and software maintenance and troubleshooting for staff and executive leadership. Managed team of six, including training, coaching, and performance evaluation.

- Maintained reputation for subject matter expertise. Served as preferred troubleshooting resource to senior leadership based on exceptional knowledge of server, workstation, and networked systems.
- Tracked and complied security baseline statistics as foundation for improving security posture. Delivered detailed reporting to senior leadership with recommendation for minimizing risks.
- Trained 90 staff members annually in new systems and software.

H&H Products, Dunn, NC

IT/Graphic Designer

Technical Scope: Graphic Design, Technical Support, Network Administration, Technology Installs, Warehousing & Logistics, Bookkeeping, Forecasting

Provided graphical design skills using CorelDraw. Applied broad knowledge of Web, marketing, and MIS technologies to expanding and improving technology base. Assisted senior leadership with assessing key performance data. Developed forecasts and business growth plans. Provided support for all company positions, from retail clerk to assembly line to administrative assistant to bookkeeping.

Education and Credentials

Austin Community College – Associate of Applied Science, Game Design Specialization (2011 –2015)

Navy Achievement Medal (2011)

United States Navy, San Diego, CA. Awarded for dedication to providing exemplary system support and ability to troubleshoot and remedy escalated issues at expert skill levels.

Graduate – Information Systems Security Manager (2010)

United States Navy, San Diego, CA. Equivalent to Security+ Certification

Graduate – Journeyman Networking Core Training Program (2007)

United States Navy, Yokosuka, Japan. Equivalent to Network+ Certification

Graduate – Information Systems Technician “A” School (2006)

United States Navy, Chicago, IL. Equivalent to A+ Certification

Honor Graduate Award – Basic Training (2005)

United States Navy, Chicago, IL. Peer-based award reflecting highest standards in professionalism and bearing.

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