

Joshua Dyer

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Professional Summary

Project Manager and Clinical Sonographer with a diverse background in technology management, clinical research, clinical medicine, and business operations. An eager, lifelong learner, skilled in various technologies and systems, with both sonography and IT certifications. Holder of a Bachelor of Science in Information Technology, with over 25 years of clinical sonography experience as well as experience in web design, programming, database administration, network administration, cloud computing, and system administration.

Core Competencies

- Relentless desire to perform above expectations
 - People-focused and excellent communicator
 - Love of solving challenging problems
 - Passionate about innovation and technology to streamline and improve processes
 - 25 years of clinical sonography experience
 - Project Management & Leadership
 - System Administration
 - Network Administration
 - PowerShell & Scripting
 - Programming and Web Development (Python, Java, JavaScript, HTML, CSS)
 - Database Management (MySQL), Analysis, and Reporting
 - Cybersecurity Standards & Procedures
 - Cloud Computing
 - Experience with Windows, Apple & Linux Systems
 - Graphic Design
 - Lifelong learner with a drive toward neverending improvement
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Professional Experience

Parkway Medical Center

Lead Research Coordinator and Project Manager

November 2020 - Present

- Oversee and manage research activities, including patient visits, scheduling, data entry, query resolution, and communication with study managers and patients.
- Led a hybrid team of up to 15 on-site and remote workers, coordinating tasks and ensuring seamless communication and collaboration across different work environments.
- Maintained and managed Investigator Site Files, ensuring compliance with regulatory requirements.
- Correspond and manage communication with the Institutional Review Board (IRB) to ensure adherence to research protocols.
- Administer electronic case report forms with extensive experience in data integrity and documentation.
- Implement and oversee research project workflows, ensuring timely and accurate completion of tasks.
- Basic System and Network administration troubleshooting tasks and maintenance of other on-site equipment such as printers and scanners.
- Manage training of team members in new technology platforms to more efficiently manage study data and workflow.

Princeton-Grandview POCUS Instructor

Instructor

2021 - Present

- Guide resident physicians on proper use and interpretations of ultrasound, focused on bedside use for initial assessments of patients.
- Create and maintain technical and information guides and handouts.
- Develop presentations for instructional and information use.

JSG Medical

Owner and Chief Sonographer

2016 - Present

- Manage ultrasound studies and office operations, including scheduling, logistics, and equipment maintenance.
- Create innovative IT solutions for small clinics to provide image and document transfers, interpretations, storage, and usage.
- Oversee IT solutions for the business, including web design and maintenance.
- Created and collaborated with clients on graphic design projects for various print and electronic uses.
- Build and maintain custom imaging servers to facilitate the archival of studies and efficient reference/recovery as demand entails.

Pinnacle Mobile Imaging

Chief Sonographer, Assistant Manager

2001 - 2014

- Led mobile ultrasound operations as assistant manager and chief technologist, including performing echocardiograms, vascular ultrasound, and routine scans, ensuring high-quality service delivery.
- Managed logistics and scheduling for mobile imaging services, optimizing routes and coordinating with multiple accounts to meet client needs efficiently.
- Implemented and maintained secure data management practices for patient records, ensuring confidentiality and compliance with industry standards.
- Developed and executed procedures to enhance operational efficiency and accuracy, contributing to the overall success of the imaging services.
- Coordinated with healthcare professionals and clients to ensure seamless integration of mobile services into their workflows.
- Managed a database of patient records to facilitate efficient filing and recovery of results as demand entailed.

Battleground Gaming

Owner and Operator

2008 - 2014

- Coordinated gaming events and managed software for communication and participation with national and international companies.
- Managed retail operations, including management of stock and sales reporting.
- Created business analysis reports to aid in guiding business decisions.
- Setup and maintained digital point-of-sales systems for in-store and online use.

Computing Solutions

Owner and Technician

2000 - 2016

- Performed upgrades, maintenance, and repairs for medical ultrasound equipment and small office computers.
- Provided secure data destruction as well as virus and malware removal.
- Provided IT services to multiple small-office-home-office clients.
- This business was combined into JSG Medical, LLC in 2016.

Education

Western Governors University

Bachelor of Science in Information Technology

Salt Lake City, UT

The University of Alabama at Birmingham

Pursued Bachelor of Science in Computer Science

Birmingham, AL, 1997 - 2000

Certifications

- CompTIA Security+
 - CompTIA Network+
 - CompTIA A+
 - ITIL 4
 - LPI Linux Essentials
 - AWS Certified Cloud Practitioner
 - Registered Vascular and Cardiac Sonographer (ARDMS #94974)
 - Currently preparing for CCNA
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Projects

- **Research Study Site and Documentation Directory for Parkway Medical Research:**
<https://joshua-dyer.github.io/Research-Directory/>
 - **Implementation of a Central Linux Server for Diagnostic Imaging Access - Program Capstone Project, Western Governors University**
 - **Offerings and About Webpage for Complete Sono, a Mobile Ultrasound Company:**
<https://joshua-dyer.github.io/CompleteSono/>
 - **Portfolio Webpage:** <https://joshua-dyer.github.io/portfolio/>
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Professional Affiliations

- Member of the Society of Diagnostic Medical Sonographers
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About Me

Joshua Dyer is a problem-solving enthusiast with a rich background spanning clinical research, clinical medicine, research, and technology. With traditional education in Information Technology, Joshua combines his experience in project management and healthcare with a passion for information technology.