

Timothy Biegel

Dayton, Ohio

www.timbiegel.com

OBJECTIVE

Seeking a challenging and rewarding position as a biomedical engineer in a well respected organization to develop solutions in a fascinating field.

EDUCATION

Wright State University, Dayton, Ohio April 2011

Bachelor of Science in Biomedical Engineering

In addition to two project experiences, the course work encompassed:

- Steep knowledge of biomedical instrumentation
- Advanced ergonomics incorporating biomechanics and anthropometry to address information processing and materials handling
- Biology, biophysics, anatomy and physiology
- Photon radiation and medical imaging
- Biofluid mechanics, heat / mass transfer, biomechanics, bioenergetics, and biomaterials
- Biomedical electronics and microprocessors

WRIGHT STATE UNIVERSITY PROJECT EXPERIENCES

Senior Design Project - Fracture Fixation Device - PATENT PENDING January-June 2010

• Created a novel fracture fixation device. Wright State University has filed invention disclosure and is financially pursuing a patent. This device was designed with considerations for biomechanical stresses, materials FDA approved for human use, and consulted with Sambhu Choudhury M.D. from Cincinnati Children's Medical Center to address ease of surgical application. Created model for device in SolidWorks CAD. Prototype will be manufactured by Noble Tool Corp., Dayton, Ohio.

Bariatric Patient Lift Device Fall 2009

Designed patient lift device. This device will help address the problem of injuries to healthcare workers through lifting patients. The intent is to reduce the number of worker's compensation filings due to injuries related to caring for overweight patients.

EMPLOYMENT

I.T. Professional - Advanced Background Check, Inc., Dayton, Ohio April 2010 - Present

- Manage, secure, and support all network switches including over 30 workstations and 10 servers.

- Support File server, Backup server, Microsoft Exchange Email server, Active Directory, DNS, and Fax server.
- Implementation of new workstations.
- Hardware and/or software upgrades for current workstations.

Perform printer support and maintenance.

Entrepreneur - Web Site Solutions, Inc., Dayton, Ohio 1997 - April 2010

Co-founder and Vice President

Developed websites for the hospitality, boating and many other business and retail categories.

Technology and performance included:

- Graphics and Website Designer
- Custom Programming: wrote custom software package for HarbourView Yacht Brokerage's office designed to accommodate all of the needs and wants of the salespersons; wrote several fully customized shopping cart packages for websites
- PC Networking
- PC Hardware Diagnostics, Repair, and Upgrades

PROGRAM LANGUAGES & TECHNOLOGY

- Programming Languages: C++, Pearl, Java, PHP, ASP, and Miva
- Software Proficiencies: Matlab, Microsoft Office (Word, Excel, Powerpoint, Access, etc.), Microsoft Windows, Photoshop, and Dreamweaver
- System integration

DISTINCTIVE ATTRIBUTES

- At 41 years of Age, Mature and Experienced in Solving Business and Technical Problems
- Outstanding Relationship Building Skills
- Creative Troubleshooting and Problem Solving Tactics
- Employee and Entrepreneur Hybrid
- Understand Use of Digital World Technology Without Replacing the Success of One-on-One Contact
- Concierge-Like Attitude for Stellar Client/Employer Relationship
- Strong Liaison for Executives and Management Teams
- Excellent Communication and Group Skills

Member BMES (*Biomedical Engineering Society*)

NOTE: References will be furnished upon request