

Jaime Stovall
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Objective

Biomedical Engineer in the field of new device development within the Phoenix Metro area.

Employment History

Research Engineer

May 2007 - Present

Center for Adaptive Neural Systems
Arizona State University
Tempe, AZ

Conduct research and development activities concerned with the design, development, fabrication, modification, testing of electrical/electronic parts, components, equipment and systems, utilizing and applying knowledge of engineering principles.

Private Tutor

August 2005- Present

Phoenix, AZ

Provide tutoring and academic program development for special needs high school student with Attention Deficit disorder and learning disabilities. Primary focus on mathematics and science related studies.

Cosmetics Company Owner

January 2004 – August 2006

J.L.S. Cosmetics
Phoenix, AZ

Owned and operated an internet based cosmetics company. Conducted research and development for an all natural mineral cosmetics line. Executed sanitary manufacturing procedures to maintain integrity of raw materials. Appropriately packaged and labeled finished product according to cosmetic industry standards. Marketed product via online advertisements using HTML programming. Processed customer orders and prepared shipments.

Legal Secretary

June 2000 – May 2007

Law Office of Dan & Pam Saint
846 N. 6th Avenue, Phoenix, AZ 85003

Greeted and interfaced with clients and visitors upon arrival. Oversaw phone system operation and maintained telephone correspondence records. Scheduled and maintained individual attorney calendars. Processed incoming and outgoing mail. Opened, organized, and maintained files by implementing a comprehensive filing system. Prepared and processed legal documents. Provided bookkeeping of financial records. Monitored and maintained office supplies and equipment. Provided troubleshooting when necessary for computers, copier, fax machine, and telephones.

File Clerk**May 1998 – May 2000**

Law Office of Pamela G. Wiens
420 W. Roosevelt Street, Phoenix, AZ 85003

Opened, organized, and maintained individual case files. Implemented effective filing structure to catalogue attorney's entire caseload.

Education**Arizona State University**

Tempe, AZ

- Bachelor of Science in Engineering, May 2007
- Major: Bioengineering with emphasis in Bioimaging

Extensive coursework pertaining to signal processing of physiological measurements. Comprehensive application of the principles of calculus and ordinary differential equations to modeling and analysis of responses, signals, and signal transfers in biosystems. Considerable use of linear and nonlinear control systems techniques toward analysis of neuromusculoskeletal, cardiovascular, thermal, and mass transfer systems of the body. Effectively designed and executed experimental procedures using microcomputers for real-time data collection, analysis, and control of experiments involving actual and simulated physiological systems.

Shadow Mountain High School

Phoenix, AZ

- High School Diploma, May 2000

Technical Experience

Proficient with Microsoft Office applications, such as Word, Excel and PowerPoint. Considerable experience using LabView, SolidWorks, MatLab, Mathcad, PSpice, Multisim, Java and HTML programming.

Other Experience**Malawi Rehabilitation Project****August 2006 – June 2007**

Capstone senior design project devoted to helping individuals with disabilities within the Malawi region. Designed, constructed, and tested an all-terrain, multi-gear, hand-powered, custom tricycle, intended to be a complete transportation solution for a specific individual who had a polio-related lower extremity physical disability. Detailed documentation records and reports, in accordance with FDA guidelines, were organized and maintained throughout the development and prototyping process.

Physical Sciences Internship**January - May 2002**

Service Learning Program devoted to elementary and middle school students in school districts with low high school graduation rates. Responsible for developing and executing experiments for 3rd graders that incorporated hands-on activities designed to teach basic physical science concepts.

References

References are available on request.