**Susan Smith**

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**Objective**

To obtain a Biomedical Engineering Technology internship that utilizes my technical skills and team-work ability.

**Education**

**Purdue School of Engineering & Technology - IUPUI**, Indianapolis, IN

**Bachelor of Science in Healthcare Engineering Technology Management**, Expected May 2015

*Related Coursework:*

* Biomedical Microprocessor Applications
* Applied Human Biology for BMET
* Intro to Medical Electronics
* Biomedical Electronic Systems
* Information Technology Architectures
* Introduction to Circuit Analysis
* Digital Fundamentals I and II
* Electronics Circuit Analysis

**Scholarships and Awards**

* Betty Freeman Memorial Scholarship (2012)
* Dean's List Honors for Academic Excellence (Fall 2013)

**Computer Skills**

* Languages: C, C++, x86 assembly, FORTRAN, JAVA, Basic, Pascal, HTML
* Operating Systems: UNIX, Windows (3.1, 95, 98, NT), DOS, Apple OS, Solaris 2.x
* Software Packages: Pspice, ABEL, MatLab, Excel, Word, Access, Power Point

**Biomedical Engineering Technology Projects**

**Audio Speaker Project**  Spring 2014

* Followed detailed diagrams to assemble and solder parts.
* Built a working audio speaker according to detailed specifications.

**Power Supply Project** Fall 2013

* Planned project and identified necessary components and parts according to specifications.
* Soldered parts to create a working power supply.
* Tested final product to ensure operations.

**Heart-lung Bypass Research** Fall 2013

* Conducted research on the heart-lung bypass machine.
* Developed an educational presentation detailing background, uses, and operations.

**Work Experience**

**Community Hospital** Indianapolis, IN August 2012—May 2013

**Job Shadowing**

* Job shadowed Dr. Suzy Surgeon, medical director of Community Hospital, ABC Department.
* Observed various procedures involved in high risk pregnancies.

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**ABC Friends Church** Indianapolis, IN August 2013—Present

**Community Bible School Coordinator**

* Created and distributed advertisement flyers to community.
* Co-Chaired annual fundraising event, generating over $6,000 annually.

**Professional Affiliations**

* Association for the Advancement of Medical Instrumentation, Member, 2013 - Present