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**ZIYAD M. ALoqaaLA**

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| Personal Information | |
|  | Marital status: Married  Nationality: Saudi  Date of birth: 1 / 11 / 1982. |
| EDUCATION | |
|  | **PhD degree:** 2016, University of Wisconsin - Madison  College of Engineering;  Department of Biomedical Engineering;  **GPA, 3.7 out of 4**  **Master degree:** 2009, University of New South Wales; Sydney- Australia  Graduate School of Biomedical Engineering  **GPA, 67.75 out of 100**  **Bachelor**: 2005, King Saud University; Riyadh - Saudi Arabia.  College of Applied Medical Sciences;  Department of Biomedical Technology ;  **with highst grade in my class (GPA, 4. 33 out of 5)**  **with second class honour** |
| SKILLS | |
|  | * Good knowledge with biomedical instruments. * Good writing, reading and speaking skills in English language. * Good communication and team working skills. * Good computer and programming skills. |
| SOME OF PROJECTS & PRESENTATIONS   * PhD Thesis Project (Hydrocephalus Smart Shunt System). * ICP wireless sensors (Wisconsin Hydrocephalus Project). * Bio signal acquisition, manipulating, and display. * Bachelor Graduation Project. (Strain gages and some of application in medical field). * Lithotripsy machines. (ESWL, IL). * Applications of spectrophotometer in lab equipement. * Using of biometrics in computer field. * Simulation model using Mat Lab. (The muscle contraction under FES). * Statistics problems using Mini tab. * Statics and dynamics of the musculoskeletal system: mathematical modeling and computer simulation. (Push up training, muscle's forces simulation). | |
| WORK EXPERIENCE | |
|  | **Training year as an internship in two hospitals:**   * **King Fahad Medical City:** Three months workingin equipment incoming inspection procedure, equipment inventory, administrative work& vendor (company) contact. * **National Guard Hospital:**  nine months working in maintainance & services (PPM, calibration, repairing&dealing with end user).   **Demonstrator at King Saud university starts work at 27 / 6 / 2006.** |