

IT Manager IT Manager BSME - Outstanding Graduate - Magna Cum Laude Arlington, TX I am a young mechanical engineer from Tampa, Florida. I am looking to pursue a challenging career through which I can contribute significantly to the advancement of technology. Work Experience IT Manager Texas Christian University - Sodexo Campus Services - Fort Worth, TX January 2014 to Present IT Coordinator University of Tampa - Sodexo Campus Services - Tampa, FL June 2013 to Present Description: Managing and coordinating IT projects; IT support; marketing and financial support Responsibilities: IT support/training for all of campus dining services Primary vendor communication for IT support and sales inquiries Primary client communication for all security and IT related issues including network access and hardware installation Marketing support including Sodexo Retail Pricing Tool maintenance and document/presentation review and editing Projects: Installation, programming, and continuing support of Micros 3700 POS systems for all university dining facilities, including all back-office functionality Prepared Excel workbooks tracking all Sodexo computer, POS, and battery backup inventory, as well as IT support issues/resolutions as they occur for future reference Mechanical Engineer Composite Motors Incorporated - Brooksville, FL May 2012 to January 2013 Manufacturing R&D for: BLDC motors with integral hermetic drivers Lithium Ion batteries with hermetic packaging Skills Developed and Utilized: Mechanical design of manufacturing and testing fixtures Mechanical redesign to improve product quality, production capability, and manufacturability 3D CAD and 2D drafting with GD&T Collaboration with in-house machine shop for design with respect to manufacturability and precision Manufacturing process development; including manufacturing procedure and work instruction documentation/training Engineering team support engineering calculations, design/drafting review and revision, experimental testing Projects: Successfully designed tape casting line for lithium-ion battery electrodes via extensive research; integrated innovative measuring technology with proven tape casting methods. Successfully designed multistage pneumatic press for BLDC driver packaging. The fixture produces 2000+ units per week. Successfully redesigned injection mold for BLDC stator winding inserts to increase flow to mold cavities, add ejector pins, and make minor modifications to ensure reliable function. Led research study on the time dependent effects

of moisture exposure on lithium-ion cathode materials and determined that one [expensive] aspect of current process was unsatisfactory in producing benefit to manufacturing quality. Successfully presented conclusive evidence to executives which avoided further expenditures. Revised BLDC motor s ISO-9000 compliant product development documentation based upon internal quality standards. Prepared technical documentation for several projects product/manufacturing design reviews, manufacturing procedures, and work instructions. IT Project Intern Boar's Head Information Technology Department - Sarasota, FL July 2011 to April 2012 Practices and skills: Test software and report discrepancies Recommend changes to standard operating procedures Employee S.W.S. Contracting and B.S.M. Fabrication - Tampa, FL April 2007 to April 2008 Practices and skills: Fabricate parts (mainly sheet metal) Operate machinery. Install fabricated parts Education B.S. in Mechanical Engineering University of South Florida - Tampa, FL 2007 to 2011 Additional Information Engineering Skills: 3-D CAD and 2-D technical drawing with GD&T Manufacturing fixture design Manufacturing tool/fixture troubleshooting and redesign to improve product quality Manufacturing process and procedure development Design for Manufacture Design for Assembly Research and apply current engineering technologies to produce creative solutions Perform engineering calculations proficiently Experimental test data collection, analysis, visual illustration, and technical reporting Tolerance stack-up analysis Injection mold revision Raw material and hardware selection, procurement, and revision based on new technology standards Establish rapport through design review meetings and collaboration with engineering team Review and revision of engineering designs and technical drawings Design FMEA ISO-9000 project document control Standard measurement tool/gauge technique Six Sigma and Lean Manufacturing Computer Skills: SolidWorks 3-D Microsoft Office MatLab Simulink Modeling steady-state and transient Systems LabView Interfacing measurement devices BASIC Programming Parallax Microcontroller General Skills: Creative problem solving Build strong relations to harness team capabilities Provide effective leadership and instruction to peers and production personnel with humility Plan and organize tasks/goals as the develop Hands-on assembly and technically apt Personal Qualities: Constantly open to new concepts and ideas

Respectful and honest to all levels of co-worker      Desire to progress and achieve with an organization of the same motive      Well-traveled and embrace cultural diversity      Awards/Activities: Outstanding Graduate Award      Awarded to the top graduate of each engineering discipline      Florida Bright Futures Scholar      John J. Desmond Scholar      Inducted into Tau Beta Pi Engineering Honor Society      Gandhi Day of Service event - October 10, 2010      Tampa Breast Cancer Wellness Walk - October 23, 2010      Organizations and Clubs      Tau Beta Pi member      ASME Student member      USF Climbing Team regional competitor      Order of the Engineer

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