**Joel N. Deibler**

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**Objective:**

Facilitate organizational productivity, quality, and profitability improvements through the use of excellent analytical problem solving skills, lean manufacturing principles, as well as engineering and statistical tools.

### Education:

### The Pennsylvania State University

Bachelor of Science in Industrial Engineering

Class of 2009

GPA – 3.40 / 4.00 Major, 3.22 / 4.00 Cumulative

**Professional Work Experience:**

**Senior Manufacturing Engineer** July 2014 - Present

Woodstream Corporation – *Lititz, Pa*

* Continuous improvement initiatives – coordinate and lead continuous improvement initiatives. Including setup reduction, 5S, TPM’s, and general waste reduction.
* Project Management - Select, procure, and install capital equipment projects up to $200K
* New product rollout – Responsible for launching new products from the marketing and design engineering groups.
* Time studies / Process Documentation – create/revise work instructions and other production related documents including production rates and TPQ forms.

**Manufacturing Engineer** January 2013 – July 2014

Interface Solutions Inc. – *Lancaster, Pa*

* Continuous improvements – coordinate and lead continuous improvement initiatives (VCP’s). Including setup reduction, 5s, value stream mapping, and waste reduction.
* New facility startup – Including process documentation, manpower planning, associate training, overtime reduction, and capacity analysis.
* Tooling and fixture design – Design and procure various tools and fixtures to aid in the manufacturing and QC processes.
* Plant floor supervision – Oversee shift operations, shop floor scheduling, metric reporting, and disciplinary actions.

**Process Engineer**                                           February 2012 – January 2013

Syncreon U.S. – *York, Pa*

* Continuous improvement initiatives – coordinate and lead the implementation of continuous improvement initiatives and kaizen events within the facility.
* Manpower requirement – determine appropriate staffing levels by model mix and commodity penetration for the entire facility using engineering time studies.
* Facility layout design - Identify opportunities for layout improvement within the facility to reduce wasted motion and improve overall product quality.
* Total productive maintenance – Implement TPM process across the operation, per ISO standard, to optimize productivity and minimize preventable downtime.
* New commodity implementation – Oversee implementation of new commodities within the facility. Create implementation plans to identify foot print and manning requirements as well as oversee procurement of necessary tooling and other production necessities.

**Packaging/Industrial Engineer**                                           March 2010 – February 2012

Ames True Temper – *Camp Hill, Pa*

Distribution center time studies project – perform non-traditional time studies for all functional areas within the distribution center to develop revised standards

* Time Studies (Traditional / BMOST) – responsible for developing labor standards for multiple facilities and numerous job functions across the organization.
* Plastic Injection Molding Support - responsible for complete production lifecycle from inbound components to completed finished goods
* Methods improvements and SOP review/creation – review current methods, suggest and implement improvements and revise or create related SOP’s

     Packaging design and improvement initiatives – responsible for collaborating with manufacturing, distribution, and suppliers to develop or revise packaging configurations for quality improvements and/or cost reduction purposes

     Engineering changes (ECB) – accountable for accurate implementation of ECB’s, update MRP and ERP systems to reflect change(s),create revised packaging configurations, update 3-D solid models and/or 2-D engineering drawings

* New item introduction (NII) – responsible for accurate implementation of NII’s to the MRP, ERP, and WMS systems, creation and validation of bills of material and product routings, packaging configuration creation, 2-D engineering drawing creation

**Operations Manager – Contract Logistics**                     October 2009 - March 2010

UTi Integrated Logistics – *New Holland, Pa*

       Oversee all aspects of the operation – policies, standard operating procedures, incentive programs, HR personnel, and sixty (60) hourly associates across three shifts

* Instill responsibility in supervisors and hourly staff - accountable for all metrics within their control including safety, training, inventory accuracy, and customer service
* Develop a working relationship with the customer - understand their needs and concerns, and implement change to better service the operation
* Manage hours worked – centered around the customers budget, responsible for tracking and reporting of necessary coverage and promoting process improvement for both the UTi team and the customer's operation
* Promote a safety conscious workplace - through coordination of weekly meetings and daily employee involvement

       Compensation and incentive program coordination - Review all associate performance reviews to ensure each associate is given direction to better performance and takes responsibility for their commitment to the operation

**Industrial/Logistics Engineer – Contract Logistics**               June 2009 – October 2009

UTi Integrated Logistics – *New Holland, Pa*

       Process Standardization and documentation – Responsible for creating or updating standard work practices and subsequent training with associates, revised job descriptions as necessary.

       Process improvement/lean manufacturing implementation – lead improvements to the UTi operation and assist with all logistics projects for WCM, a Fiat Group initiative to apply lean manufacturing concepts at CNH

* Promote a safety conscious workplace - through active participation at weekly meetings and regular employee involvement
* Develop a working relationship with the customer - understand their needs and concerns, and implementing change to better service the operation

**Professional Development Program Work Experience**

**Industrial Engineer – Internship**                                             June 2008-August 2008

Schering-Plough Corporation – *Kenilworth, NJ*

       New Jersey Warehouse Operations (NJWO) project support

       Develop and implement streamlined processes for material availability (NJWO)

       Develop process flow and product control procedures for controlled substances

       Create, revise, and update standard operating procedures

       SIP methodology utilization (Lean Six Sigma Implementation)

       Webpage design and integration for NJWO (HTML)

**Manufacturing Engineer – Co-op**                                           January 2008 – May 2008

Harris Communications **–** *Rochester, NY*

       PEM Serter and Schmidt Machine tooling design

       PCB packaging configuration design and implementation

       MRAP line balancing / optimization

       Improve and update interplant logistics procedures (including SOP)

       Lean manufacturing and  six sigma methodology utilization (Kaizen, Poka Yoke)

**Industrial Engineer - Internship**                                                May 2007 – August 2007

Buck Company Inc. **–** *Quarryville, PA*

       Revise and update plant layout and associated AutoCAD drawings

       Design layout and prepare installation of updated Linear Mold Handling System

       Setup and organization of site storage facility

**Software / Programming Experience:**

     AutoCAD, SolidWorks, Pro-Engineer, SolidWorks PDM Vault

     Matlab, Lindo, Minitab, ARENA

     Dream Weaver (HTML), C++, XML, Photoshop

     UML, ERP, SAP,MRP, J.D. Edwards, PeopleSoft, Chess, Oracle, PIM

     Microsoft Office - Word, Excel, Power Point, Project, Access, Visio, Front Page

**Areas of Expertise:**

Statistics - Linear Regression, Design of Experiments, Statistical Process Control, Six Sigma Methodology

    Ergonomics, Operations Research, Linear Programming, Industrial Health and Safety

    Product Design and Specifications,

    Solidification and Material Processing

    Discrete Event Simulation Modeling (ARENA),

    Manufacturing Systems Analysis - VSM, Kanban Systems, Line Balancing, Cellular Manufacturing

* H.B. Maynard - MOST Certification
* Lean Certification – Change Agent Methodology, Kaizen Implementation, Value Stream Mapping, 5S, Setup Reduction, Cellular Manufacturing.

**Activities/Organizations:**

    Penn State Bowling / Penn State Power Lifting

    Institute of Industrial Engineers (IIE)

    Society of Manufacturing Engineers (SME)

    Foundry Education Foundation (FEF)

    American Foundry Society (AFS)

**Scholarships / Awards:**

    PA New Economy Technology Scholarship (2006-2008)

    FEF Scholarship (2007, 2008)

    AFS Keystone Scholarship (2007)

    AFS Coleman Scholarship (2008)

    Keith Millis Scholarship (2008)

    FEF College Industry Conference Delegate (2008)

**References:**

Available upon request.