**Alexandre Severo**

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[linkedin.com/in/aleborbasevero/](http://linkedin.com/in/aleborbasevero/) | Visa full-time work permit

Industrial Engineer, experience in carton packaging and dairy industries working in the business control office and shop floor. Strong strategic thinking and analytical skills for data analysis and reporting using SAP and Excel, supporting managers and internal stakeholders with solution alternatives. Experience in continuous improvement, process mapping, KPI reporting, inventory audit, cost and expenses management and performing administrative tasks. An emphatic communicator and proven team worker.

**PROFESSIONAL EXPERIENCE**

**Tetra Pak – Packaging Material**  Brazil

Business Control Aug 2017 – Aug 2018

Responsibilities:

* Developing a productivity study focused on cost reduction. I worked as a Cost Pillar member of World Class Manufacturing - WCM/TPM Continuous improvement.
* Auditing the inventory including raw material, auxiliary material, finished goods and spare parts.
* Analysing data and developing reports to support managers and internal stakeholders using SAP and Excel.
* Conducting a cost study in the laminators (coating process).
* Month closing routines: analysing, updating and reporting of key performance indicators (KPIs), factory expenses, inventory days and sales orders.
* Managing and report purchase orders (PO) and production orders for two plants - Ponta Grossa and Monte Mor.
* Monitoring and report moving average price (MAP) of raw material.
* Reviewing and creation of procedures from Factory Business Control department.

Achievements:

* Supported the implementation of Ideal Cost methodology developing a 3-year plan to increase factory productivity, savings around $100k (Cost Pillar Member – WCM).
* Evaluated the financial impact (costs) of raw material waste and energy in laminators setups.
* Mapped all factory expenses to assist the implementation of House of Change (an internal program of cost reduction by operators).
* Covered all procedures from Business Control activities.

**Castrolanda Dairy Industry**  Brazil

Production Intern June 2016 – Dec 2016

Responsibilities:

* Analysing and categorising shop floor operator actions into value added and non-value added.
* Controlling and reviewing production documents.
* Supervision of filling machines maintenance checklist.

Achievements:

* Completed a time and motion study on the filling lines (stopwatch observation and analysis) used to determine standard time.
* Proposed an improvement initiative: A new work configuration for operators reducing idle time.
* Reduced production documentation errors by 90%, ensuring approval in customers external audits.

**EDUCATION**

Federal University of Technology (UTFPR) Brazil

**Bachelor of Industrial Engineering** 2018

University of Missouri Missouri, USA

**B.S Industrial Engineering** Aug 2015 – Dec 2015

Missouri University of Science and Technology Missouri, USA

**B.S Engineering Management** Feb 2015 – Jun 2015

Clarion University of Pennsylvania Pennsylvania, USA

**Intensive English Program** Aug 2014 – Dec 2014

**ACADEMIC EXPERIENCE**

**Illinois Institute of Technology** Illinois, USA

**Summer Research Project – U-Farm IIT Irrigation Technology** June 2015 – July 2015

* Install embedded onsite sensors to measure ambient and soil temperatures with soil moisture to activate automated irrigation system.
* Rebuild, with a team, all structure from the U-Farm allowing future installation of automatic irrigation system

**UTFPR** Brazil

**Research Project – Operations Research** Feb 2012 – July 2012

* Applied mixed integer linear programming in management of intercity bus routes
* Analysis and data collection within a company to elaborate the mathematical model

**SKILLS**

* **SAP ERP** – Central Component ECC
* **Microsoft Office** (Outlook, Word, PowerPoint, Excel)
* **Analytical** (Research, extract and analyse data)
* **Continuous improvement (WCM)**

**TRAINING AND CERTIFICATES**

**Advanced Excel –** FYI Learning Solutions, Tetra Pak Brazil

May 2018

**Analysing and Visualizing Data with Excel –** Microsoft edX, MOOC

February 2018

**VOLUNTEER EXPERIENCE**

**English Club**  Brazil

Na Ponta da Língua April 2016 – Aug 2016

* Assisted English students of UTFPR
* Created interactive classes and support materials to facilitate student learning

**S.O.S Animals** Brazil

Animal Shelter March 2016 – August 2016

* Organized and cleaned animal shelter
* Supported the NGO staff planning and disseminating events to raising funds

**AWARDS**

* Best Summer Research Project at Illinois Institute of Technology - U-Farm IIT Irrigation Technology 2015