

RENAN SPILKA MIRANDA

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SUMMARY OF SKILLS & QUALIFICATIONS

- Proficient technical skills in SolidWorks, AutoCad, Inventor, Power Mill, Pro Engineering, Coordinate Measuring Machine, Robotics, SAP, GOM (Optical Measurement Techniques), Microsoft Office, Microsoft Visio and Microsoft Project.
- Lean Manufacturing and Continuous Improvement.
- Lean Six Sigma and Statistical Process Control.
- Fluently in English, Portuguese, Spanish.
- Enthusiastic, self-motivated, eager to learn.

EMPLOYMENT HISTORY

Mechanical Engineer/Estimator

Nov 2019-Present

Paul Boers Manufacturing, Vineland Station, Ontario, Canada

- Prepare project calculations, quotations, engineered drawings with the help of Inventor and Autocad;
- Lead design improvements with deadlines;
- Design tools and fixtures as well as programming Yaskawa Robot (Welding);
- Liaise with sales, production, management, purchasing on new outstanding quotations;
- Maintain and create BOM in CRM System (Macola);
- Follow up with sales on outstanding quotations in the analysis
- Participate in the analysis and problem solving of production and quality concerns;

Mechanical Engineer Technologist

Sep 2018 – Oct 2019

C.R Plastics Products Inc, Stratford, Ontario, Canada

- Design molds, tools, dies, jigs and fixtures for use in manufacturing processes with the help of Solidworks and Autocad;
- Performing mechanical tests and analysis of machines and components;
- Improvement of the production process, through the standardization of molds and parts used in the production line;
- Negotiation with suppliers for the manufacture and acquisition of molds and parts for use in the production process;
- Organization of processes for improving quality control.
- Ensuring that all assembly processes operate within lean manufacturing principles (Value Stream Mapping, 5S, Kanban and poka-yoke);

General Production Team Member (Part Time)

Jun 2018 – Aug 2018

C.R Plastics Products Inc, Stratford, Ontario, Canada

- Fastens parts together with screws using power tools and hand tools;
- Runs any assigned machine ex. CNC, Extruder etc;
- Documents actions by completing production and quality logs;
- 5S and preventative maintenance as required.

Process Technician (Tooling, Manufacturing)

Nov 2014 - Aug 2016

Stihl Power Tools, Ltd. São Leopoldo City, Rio Grande do Sul, Brazil

- Developed of database to control the indicators of production interruptions, related to the manufacturing process of the molds for foundry parts of engines, focused on reducing production interruptions;
- Assisted in the development of the processes of construction and maintenance of tools;
- Supported in the creation of technical documentation, related to the process of molds constructions and foundry process;
- Opening maintenance orders preventive and corrective of tools via SAP/R3 system.

Project Designer

Oct 2013 - Nov 2014

WIGGA Coatings and Frames, Ltd. São Leopoldo City, Rio Grande do Sul, Brazil

- Created projects in 3D modeling software (Solidworks) and 2D (Autocad);
- Assisted in the development and improvement of projects;
- Suggested improvements in projects to meet company standards and developed it accordingly;
- Detailed projects in PVC coatings.

EDUCATION**Process Quality Engineering**

Jan 2018 – Aug 2018

Post Graduate Certificate

Conestoga College, Kitchener, ON

Bachelor of Science in Mechanical Engineering

Jan 2010 - Aug 2016

Vale do Rio dos Sinos University (UNISINOS)

São Leopoldo City, Rio Grande do Sul, Brazil

CERTIFICATIONS**Certification in DX100/DX200 Basic Programming**

Dec 2019 – Dec2019.

Yaskawa Academy

Mississauga, Ontario, Canada

Certification Training for Solid Works Essentials

Mar 2019 – Mar 2019

Javelin Technologies Inc.

Kitchener, Ontario, Canada

Certification Training for Mastercam Mill/Router Essentials

Nov 2018 - Nov 2018

In-House Solutions Inc.

Cambridge, Ontario, Canada

Certification in CNC Programming and Operation - Lathe

Sep 2017 - Oct 2017

SENAI (National Industrial Learning Service)

Sapucaia do Sul City, Rio Grande do Sul, Brazil

Certification in Solid Works Training, Level 2

Jan 2015 - Feb 2015

SKA Engineering Automation Limited.

São Leopoldo City, Rio Grande do Sul, Brazil