**Simon P. Castellanos**

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**EDUCATION**

Expected Oct. 2021 **Rice University Houston , TX**

Certificate, Data Analytics

Aug. 2010 – May 2015 **Texas A&M University College Station, TX**

Bachelor of Science in Industrial Engineering

**EXPERIENCE**

May. 2021 – Present **Entartes Houston, TX**

**Manufacturing Systems Analyst**

* Assist with scheduling, implementation and training. Develop project plan for new and potential customers.
* Act as a liaison between company and client. Identify key business requirements priorities and timelines.
* Create and customize forms and documents to improve administrative and operational processes.

Dec. 2020 – May. 2021 **Starplast USA Houston, TX**

**Industrial Engineer**

* Define the sequence of manufacturing process including material flow, routings, assembly method for operators, and calculate standard assembly times for new and existing products.
* Maximize efficiency within the manufacturing facility by analysis of equipment layout, assembly methods, and workforce utilization.

Dec. 2018 – Dec. 2020 **Darnel Inc. Monroe, NC**

**Process Engineer**

* Design and develop sales reports and dashboards. Analyzed historical sales, identify trends and lead sales forecasting and demand planning process.
* Developed production and materials planning dashboard. Increased production efficiency by 15% and achieved 99.7% OTIF by improving production schedule process.
* Merge sales reports, forecasts and production planning dashboards to calculate operation capacity. Recommended purchase of new equipment which lead to capacity increase of 33%.
* Reduced cost of packaging material by 13% by issuing RFP to several suppliers and negotiating prices.

Feb. 2016 – Oct. 2018 **Ajover-Darnel Cartagena, BOL, COL**

**Productivity Engineer**

* Designed and developed production analysis reports. Analyzed machine downtime and recommended productive maintenance, which increased OEE by 10%.
* Developed and maintained KPI reports for 23 production plants and supporting departments. Updated on a monthly basis to present report to Board of Directors.
* Created inventory reports for raw materials, packing materials, and finished goods – Used in inventory audits of production plants in Latin America and USA.

**Technical Skills**

**Languages:** Python, R, JavaScript, HTML5, SQL, NoSQL

**Applications:** GitHub, MongoDB, MySQL, PostgreSQL, GIT, Flask, Command Line, Tableau

**Tools:** Excel, Databasing, Pandas, Jupyter Notebook