

PAUL GEORGE

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EDUCATION

Texas A&M University, College Station, Texas

Master of Engineering in **Industrial Engineering**, May 2020

Course Work: Data Analysis | Production & Inventory Control | Lean Manufacturing | Quality Control | Optimization | Human Factors

BMS College of Engineering, Bangalore, India

Bachelor of Engineering in **Mechanical Engineering**, May 2014

Course Work: Design of Elements | Finite Element Analysis | CAED/CAM | Advanced Manufacturing Processes

WORK EXPERIENCE

L&T Technology Services, India, *Manufacturing Engineer*

October 2014 - March 2018

- Recorded 100% on-time delivery and 98% quality over the 3.5 years of work tenure. KPI identified
- Secured new business worth \$50,000 by showcasing innovative ideas to clients
- Over 20 fixtures designed and manufactured, accepted by customer; Aided in 20% manufacturing cost reduction
- Certified in GD & T | 2 different Abstracts and ideas on Rapid Prototyping short listed for white paper in Tech Panorama (LTTS)

➤ Client: **Senvion**, Bangalore, India, *Team Lead*

April 2017 - March 2018

- Led Wind Turbine team of 6. Introduced new processes to improve quality by 10%, continuous improvement plans were established. Managed manufacturing data reports | Root Cause Analysis done | FMEA was useful
- Managed and established 4 third party vendors to make jigs & fixtures in the given budget of \$10,000

➤ Client: **Aeroconseil**, Toulouse, France, *Reliability Engineer*

March 2016 - March 2017

- Collaborated with 100+ employees to understand flight control, hydraulics and landing gear breaking systems
- Integrated and analyzed simplified Fault Tree Analysis from 24 PSSA for aircrafts using a top down approach to arrive at basic events | Electrical Wire Interconnection System | Implemented continuous improvement plan, introduced Macros | Eliminated hazardous and catastrophic events
- Performed Common Mode Analysis (CMA) to eliminate redundancy. Quality standards increased by 98%

➤ Client: **Flextronics**, Juarez, Mexico, *Manufacturing Engineering*

October 2014 - February 2016

- Over 20 fixtures designed and manufactured, accepted by customer; Aided 20% manufacturing cost reduction
- Customer appreciation for 140% efficiency in completing the projects. Kaizen principle used
- Over 30 Process Planning plus Manufacturing and Operational Tooling | Transfer of Technology (Industrie 4.0)
- First Article Inspection Report AS 9102: document dimensions of precision engine components using Inspection Expert, for quality | Six sigma implementation | Statistical Process Control
- Developed & utilized CAD Model (over 5000 dimensions per drawing), Detailed, Validated complex engineering drawings (Solid Works), CMM Programming (PC DMIS 2014), and 3D Printing (Aero Engine)

Schunk Metals and Carbons Limited, *Summer Intern*

June 2013 - July 2013

- Manufactured carbon-based electrical components. Was in charge of electrical bracket production. Was exposed to design, quality and production of more than 10 different products

Apollo Tires, *Summer Intern*

June 2012 - July 2012

- Involved in the inventory management and map routing of trucks in the facility. Learned production technology of tires
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PROJECTS

- [Forecasting and Aggregate Planning \(VBA, Excel tool development\).](#)
- [Optimal order quantity, re-order schedule, and the safety stock tool.](#)
- [Lean bottling line and production unit plan for new production unit.](#)
- [Data analysis of 20000 athletes with 150 + attributes | Predicted with 85% accuracy.](#)

August 2018 – December 2018

August 2018 – December 2018

August 2018 – December 2018

August 2018 – December 2018

SKILLS

Computer Proficiency: VBA, MS Excel, C, C++, SQL, VB.Net, MS Power point, PDF Editor, Visio

Design Proficiency: R, MATLAB, CATIA V5, Solid Works, PCDMIS, AutoCAD, IDEF, MRP

Domain Proficiency: Forecasting, OSHA, Production Planning, New product development, VSM, 5S