

## Ken Leung

13821 Hidden Lake Ln  
Sugar Land, TX 77498

(281) 277-3407  
ken@kanio.net

Citizenship: United States

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- OBJECTIVE** Seeking a technical position that utilizes my Lean Six Sigma manufacturing background to improve cost and quality
- EXPERIENCE**
- 10/07 – 06/09 Schlumberger Technology Corporation Houston, TX  
**Manufacturing Engineer**
- Supported Wireline MDT and Conveyance downhole tools production. Responsible for shop routers, bill of materials, engineering change notice, and job orders planning. Met monthly production goal of 96% delivery every month
  - Successfully delivered a new drill-pipe conveyance system from development to production in 3 months. Developed production requirements, routers, and procedures.
  - Reduced release device failure rate by 66%. Improved both in-house and supplier's assembly process and identified component defect thru inspection
  - Performed root cause analysis on both production and field failures. Responded all failure notifications within 24 hours
  - Recommended, reviewed, and implemented engineering changes
- 05/07 – 10/07 Eclipse Aviation Albuquerque, NM  
**Manufacturing Engineer**
- Increased production 4X by eliminating waste and provided 24 hour production support
  - Reduced 12 hours cycle time. Designed and implemented paint stencils to eliminate paint stripping in subsequent operation
- 04/06 – 05/07 Intel Corporation Albuquerque, NM  
**Process Engineer**
- Provided production support eight thousands wafer/week. Monitored and Maintained equipments operated within 95% of control limits by Statistical Process Control (SPC)
  - Initiated, tested, and implemented chemical usage reduction. Saved \$663 thousands annually
- 09/02 – 03/06 Parker Hannifin, Racor Division Beaufort, SC  
**Sr. Product Engineer**
- Launched and managed prototype program. Responsible for material purchasing, CNC programming, fixture design, and shipping of finished products. Used Pro-E models and Pro-Manufacture to generate G-code. Reduced 4 weeks from prototype timeline and prevented design errors
  - Successfully managed a \$250,000 returnable container program for the 2007 engine project. Proposed multiple designs to customer and created drawings to both customers and suppliers
  - Saved over \$100,000 annually by recycling scrap back to supplier for credit
  - Designed and machined assembly tooling and POKA-YOKE fixture
  - Inspected machined and die cast parts with CMM, calipers, micrometer, and other measurement instruments
  - Participated week long Kaizens to improve productivity. Created assembly fixtures, streamlined assembly process, and presented results to management
- EDUCATION** University at Buffalo, The State University of New York  
Master of Science, Mechanical Engineering, May 2002  
Bachelor of Science, Mechanical Engineering, May 1998
- ADDITIONAL SKILLS**
- Experience with Pro Engineer Wildfire 2.0, Pro Manufacture, ANSYS, Matlab, CNC milling, C++, C, Vericut, Maple, Word, Excel, Access, MS Project, PhotoShop, Outlook, Lotus Notes, SAP, and Windows
  - Lean Manufacturing, Six Sigma, Geometric Dimensioning and Tolerancing (GD&T)
  - APQP, QS9000, PFMEA, ASME Y14.5, ECR, ECN, ECO
- Language: Speak, and read Cantonese fluently