

LISHAN MU

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PROFESSIONAL EXPERIENCE

Nano Dimension

November 2021- Present

Senior Product Manager

- Managed a 5-person product development team, improving on all three of the market's most requested product improvements to achieve product/market fit.
- Developed the strategy and roadmap for new software and hardware products, including cyber security solutions for the entire business.
- Led the integration of artificial intelligence / deep learning into the product vision.

Markforged

Jan 2018 - Oct 2021

Product Manager & Application Engineer

- Managed an 8-person product development team, launching [30% of the product features in 2021](#) through over-the-air (OTA) updates and increasing revenue by 27% (year-on-year) by solving problems for over 10,000 customers worldwide.
- Launched the flagship, [metal additive manufacturing \(3D printing\) system](#) and "Next Day Metal" products, reducing the turnaround time for manufacturing a metal part to as fast as 28 hours, increasing the product's unique value prop (UVP) and extending its competitive advantage.
- Owned end-to-end a multimillion dollar, metal additive manufacturing business, defining product vision, strategy, and roadmap that increased revenue for the product line by 15% (year-on-year) during the COVID pandemic.

Pratt & Whitney

Dec 2016 - Dec 2017

Mechanical Design Engineer II, Hot Section Engineering

- Increased yield rate by 25% for three different first stage turbine blades, decreasing cost of goods manufactured (COGM) by approving deviations from drawing/blueprint's dimensions and tolerances.
- Collaborated with a multidisciplinary team responsible for the design and manufacture of a high pressure turbine blade for the A320neo engine.

Schlumberger

Aug 2014 - Aug 2016

Mechanical Engineer III, New Product Development

- Led the mechanical design of a \$350k downhole oil & gas product subjected to high pressure, temperature, shock, and vibration, making data-driven decisions on design tradeoffs.
- Designed and launched 40+ manufacturing aids (assembly fixtures, jigs, etc.) for the production floor.

Turtle Collection

May 2013 - August 2014

Co-Founder

- Led the design team from conception to prototype of a flagship cell phone case, resulting in project launch on Kickstarter for market and product discovery.
- Implemented marketing campaigns, resulting in 300% increase in following on social media.
- Filed design patent USD742868S1 for new design.
- Managed the mold construction process of two manufacturers based in China.

EDUCATION

Georgia Institute of Technology, Master of Science in Mechanical Engineering

Dec 2013 - Dec 2014

Concentration: Product Lifecycle Design

SKILLS

Software: Jira & Confluence, Salesforce, SolidWorks, Creo, Siemens NX, Google Cloud, MS Office.
Volunteer: North Palm Beach Relay For Life, Palm Beach Sailing Club, and Texas Children's Hospital.
Languages: Native speaker of Cantonese and English.