

Lavonda Li (She/Her)

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Experienced PM (product manager/lead) in AI, robotics and medtech, driving products from concept to launch and scale, with full ownership and market growth; proven across large companies and startups.

EDUCATION

Stanford University <i>Materials Science and Engineering, MS</i> <i>Stanford Ignite (mini-MBA)</i>	CA, USA GPA: 4.0/4.0
University of Cambridge <i>Chemical Engineering, BA & MEng</i> Funded by Cambridge Trust International Scholarship.	England, UK First Class Honours (full GPA)

WORK EXPERIENCE

Intuitive Surgical <i>Product Manager Intern</i>	Jun 2025 – Sep 2025
<ul style="list-style-type: none">Designed and validated a real-time visual haptic-guidance prototype; surgeon testing boosted interpretability from 2.1 to 4.5/5 and reduced simulated out-of-range forces by 22%.Led a mixed-methods user study of 10,000 da Vinci procedure logs and 50 surgeon interviews, uncovering unmet force-guidance needs and translating insights into actionable product requirements.Authored the Phase-0 Design Verification deck that cleared the leadership gate ahead of schedule, unlocking roadmap funding and charting the next multi-site clinical study.	
FANUC <i>Product Manager Intern</i>	Feb 2025 – Jun 2025
<ul style="list-style-type: none">Designed & launched “Cobot Seeds”, free cobot access with tiered leasing for Series-A startups, creating a profitable beachhead that expands FANUC into collaborative robots and captures early-stage market share.Interviewed 100 R&D teams; insights pivoted focus from universities to startups and refined product and GTM (go-to-market) strategy for FANUC’s new cobot line.	
Neuromuse (Startup) <i>Board Advisor & Co-Founder (Former CPO)</i>	May 2023 – Present
<i>A generative AI music creation platform for professional and amateur composers. Check out here.</i> <ul style="list-style-type: none">Developed MVP tailored to target customers for market validation and iterated the model with tech team to improve product-market fit; established collaborations with renowned singers, producers, and musicians.	
MeetCam (Startup) <i>Chairman & Founder (Former CEO)</i>	Oct 2019 – Present
<i>Education consultancy start-up specializing in UK & US curriculum and top university admissions.</i> <ul style="list-style-type: none">Recruited and trained 100+ Oxbridge/Ivy tutors for tailored academic support to 200+ students, achieving 100% positive feedback, 80% grade improvements, and leading an 8-member team for sustained profitability.Developed new products with positive market results via startup collaborations (former product manager).	
Sanofi <i>Product Manager Intern</i>	Jun 2023 – Sep 2023
<ul style="list-style-type: none">Drove the roadmap for <i>Dupixent Patient Connect</i>: fused insights from 25 HCP interviews with 500k real-world data points, shipped an MVP in 6 weeks, and onboarded 10k+ patients on launch day.A/B-tested toolkit that doubled dermatologist enrollment at 12 sites while remaining fully compliant.Mined 1.1 M dose events to build a dashboard predicting drop-off 7 days sooner, steering a €20 M GTM plan.	
Novartis <i>Product Marketing Intern</i>	Jun 2022 – Sep 2022
<ul style="list-style-type: none">Led product marketing for a biologic by organizing a global medical conference with 200+ physicians and delivering competitor analysis to inform positioning and outreach strategy.	

LEADERSHIP (Selected)

Stanford Materials Research Society <i>Professional Development Chair</i>	Jun 2025 – Present
<ul style="list-style-type: none">Led career-planning for graduate students, built industry partnerships and alumni connections, and ran a professor–student lunch series to expand mentorship and recruiting opportunities.	

- Association for Women in Science (AWIS) – Palo Alto | *Executive Chair*
Jan 2025 – Present

 - Directed Stanford-sponsored mentoring: matched 200+ grad pairs; hosted monthly Women Executives Series; launched awards and scholarships, enhancing visibility and recognition for women in science.
- Stanford University Theater & Opera | *Producer*
Sep 2024 – Jun 2025

 - Managed team (cast, designers, technical staff), organize rehearsal schedules, venues, and timelines, and oversee budgeting to ensure smooth production of a Broadway-style original musical [here](#).
 - Led marketing and promotions via social media, press releases, and ticket sales, driving audience engagement.
- Oxbridge Alumni Association | *Chair of Events*
Jun 2019 – Present

 - Organized **flagship events** (Christmas Dinner, Industrial Conference) as part of a 9-member executive committee, with active members from **1,000** Oxbridge alumni. Chaired annual Freshers' Fair.
 - Managed public communication channels and established collaborations with esteemed groups.

RESEARCH EXPERIENCE (Selected)

Published in *Advanced Science*

- Stanford Translational AI Lab
Sep 2024 – Present

Graduate Researcher | Advisor: [Prof Ehsan Adeli](#)
Stanford University, Mayo Clinic

Vision-Language Model (VLM)-LLM framework for automatic echocardiography reporting.
 - Conducted in-domain pre-training on VLMs using 160K cardiology image-text pairs curated from the PubMed-OA dataset, achieving a 20% performance improvement over baseline for cardiology diagnoses.
 - Built a LLM-derived knowledge graph, integrated with the Python OpenAI API, to enhance contextual information retrieval from private datasets and reduce hallucinations within the framework.
 - Clinically validated the echocardiography interpretation system, realizing diagnostic workflow automation.
- Cambridge Bionano Engineering Lab
Jun 2023 – Oct 2023

Researcher | Advisor: [Prof Ljiljana Fruk](#)
University of Cambridge

Enzyme sensitive protein-based drug nanocarriers for reprogramming of pancreatic cancer.
 - Synthesized nanocarriers from myoglobin with MMP-2/-9 cleavable peptide crosslinking, characterized disassembly, and validated in vitro 2D stability, cytotoxicity, and cell uptake in intact/disassembled proteins.
 - Developed 3D co-culture spheroids to model hypoxic tumor microenvironments and validated nanocarrier effects on alleviating hypoxia. Presented work at conferences and contributed to published papers.
- Point-of-Care Urine cfDNA Extraction Kit (Biosensor for Non-invasive Cancer Screening).**
 - Created the product requirements and experimental plan for a urine cell-free DNA cancer test with 95% capture and 5 min processing, filed a patent for the magnetic nanoparticle sensor.
 - Led a six-member team from concept to pilot: built prototypes, tripled DNA yield, cut consumable spend 40%.

PROJECTS

Refer to [LinkedIn](#) for more projects.

- Built an machine learning pipeline for antimicrobial polymer discovery (collaboration with [Prof Eric Appel](#)).
- Machine learning-guided analysis of ADC linker parameters to predict efficacy in cancer **immunotherapy**.
- Applied AlphaFold for protein structure prediction and molecular docking for structure-based **drug discovery**.
- Developed pre-procedural planning methods for transcatheter heart valve interventions, combining clinical imaging with **in silico modeling** (including CFD) to optimize patient selection and valve replacement planning.
- Designed Shell and Tube **heat exchangers**, including thermal, hydraulic, and mechanical aspects, **flow network modeling** (FNM), mechanical drawings, and addressing SHE (Safety, Health, and Environmental) considerations.

SKILLS

Coding: Python, C++, MATLAB, PyTorch, Pandas, AWS, GCP, Git, GitHub, Jira, SQL, Matplotlib, Seaborn.

Languages: Bilingual in English and Mandarin, conversational in Cantonese, Japanese and French.

Away from keyboard: Broadway & West End Musicals, Professional Makeup Artist and Photographer.