

# Lavonda Li (She/Her)

+1 (650) 613-9209 | [lavonda@stanford.edu](mailto:lavonda@stanford.edu) | Stanford, CA | 

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

## EDUCATION

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

## WORK EXPERIENCE

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<b>Intuitive Surgical</b>   <i>Product Manager Intern</i>	Jun 2025 – Sep 2025
<ul style="list-style-type: none"><li>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%.</li><li>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.</li><li>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.</li></ul>	
<b>FANUC</b>   <i>Product Manager Intern</i>	Feb 2025 – Jun 2025
<ul style="list-style-type: none"><li>Designed &amp; 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.</li><li>Interviewed 100 R&amp;D teams; insights pivoted focus from universities to startups and refined product and GTM (go-to-market) strategy for FANUC’s new cobot line.</li></ul>	
<b>Neuromuse</b> (Startup)   <i>CPO and co-Founder</i>	May 2023 – Present
<i>A generative AI music creation platform for professional and amateur composers. Check out <a href="#">here</a>.</i> <ul style="list-style-type: none"><li>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.</li></ul>	
<b>MeetCam</b> (Startup)   <i>CEO and Founder</i>	Oct 2019 – Present
<i>Education consultancy start-up specializing in UK &amp; US curriculum and top university admissions.</i> <ul style="list-style-type: none"><li>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.</li><li>Developed new products with positive market results via startup collaborations (former <b>product manager</b>).</li></ul>	
<b>Sanofi</b>   <i>Product Manager Intern</i>	Jun 2023 – Sep 2023
<ul style="list-style-type: none"><li>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.</li><li>A/B-tested toolkit that doubled dermatologist enrollment at 12 sites while remaining fully compliant.</li><li>Mined 1.1 M dose events to build a dashboard predicting drop-off 7 days sooner, steering a €20 M GTM plan.</li></ul>	
<b>Novartis</b>   <i>Product Marketing Intern</i>	Jun 2022 – Sep 2022
<ul style="list-style-type: none"><li>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.</li></ul>	

## LEADERSHIP (Selected)

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<b>Stanford Materials Research Society</b>   <i>Professional Development Chair</i>	Jun 2025 – Present
<ul style="list-style-type: none"><li>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.</li></ul>	

- 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 <i>Advanced Science</i>
<b>Stanford Translational AI Lab</b> <i>Graduate Researcher   Advisor: <a href="#">Prof Ehsan Adeli</a></i> <i>Vision-Language Model (VLM)-LLM framework for automatic echocardiography reporting.</i> <ul style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>Clinically validated the echocardiography interpretation system, realizing diagnostic workflow automation.</li> </ul>	Sep 2024 – Present <i>Stanford University, Mayo Clinic</i>
<b>Cambridge Bionano Engineering Lab</b> <i>Researcher   Advisor: <a href="#">Prof Ljiljana Fruk</a></i> <i>Enzyme sensitive protein-based <b>drug nanocarriers</b> for reprogramming of pancreatic cancer.</i> <ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>	Jun 2023 – Oct 2023 <i>University of Cambridge</i>
<i>Point-of-Care Urine cfDNA Extraction Kit (<b>Biosensor</b> for Non-invasive Cancer Screening).</i> <ul style="list-style-type: none"> <li>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.</li> <li>Led a six-member team from concept to pilot: built prototypes, tripled DNA yield, cut consumable spend 40%.</li> </ul>	

PROJECTS	Refer to <a href="#">LinkedIn</a> for more projects.
<ul style="list-style-type: none"> <li>Built an machine learning pipeline for antimicrobial polymer discovery (collaboration with <a href="#">Prof Eric Appel</a>).</li> <li>Machine learning-guided analysis of ADC linker parameters to predict efficacy in cancer <b>immunotherapy</b>.</li> <li>Applied AlphaFold for protein structure prediction and molecular docking for structure-based <b>drug discovery</b>.</li> <li>Developed pre-procedural planning methods for transcatheter heart valve interventions, combining clinical imaging with <b>in silico modeling</b> (including CFD) to optimize patient selection and valve replacement planning.</li> <li>Designed Shell and Tube <b>heat exchangers</b>, including thermal, hydraulic, and mechanical aspects, <b>flow network modeling</b> (FNM), mechanical drawings, and addressing SHE (Safety, Health, and Environmental) considerations.</li> </ul>	

SKILLS
<b>Coding:</b> Python, C++, MATLAB, PyTorch, Pandas, AWS, GCP, Git, GitHub, Jira, SQL, Matplotlib, Seaborn. <b>Lab:</b> Microscopy (TEM, SEM, AFM, Confocal), UV-Vis, HPLC, Cell Culture, PCR, Gel electrophoresis, ELISA. <b>Languages:</b> Bilingual in English and Mandarin, conversational in Cantonese, Japanese and French. <b>Away from keyboard:</b> Broadway & West End Musicals, Professional Makeup Artist and Photographer.