

Andrew Lee

Independent Product & AI Development

Irvine, CA, United States | [LinkedIn](#)

Product leader with 13+ years in regulated healthtech, from surgical robotics through FDA clearance to leading product as the first product hire at an AI imaging startup. Now building agentic AI prototypes.

EXPERIENCE

Independent Product & AI Development Jan 2026 — Present
Independent Product & AI Development *Irvine, CA*

Directed Belong from ideation to a working demo at a startup-sponsored hackathon, reframing recognition from a rewards perk into an HR culture tool built on the sponsor's cross-border digital gifting platform. Specified a coverage metric that surfaces disconnected employees weekly instead of in an annual survey score, earning 2nd place. Built personal AI tools after a six-week agentic AI course with no prior coding background; several run unattended daily, including an MLB prediction model that retrains and scores itself every morning, trained on 27,000 games across 12 seasons and corrected for 10-point overconfidence on 600+ live games.

VP, Head of Product Jan 2024 — Dec 2024
AIRS Medical *Seoul, South Korea*

Ran go-to-market for SwiftMR Turbo, reaching 25+ installations in the first 3 months and roughly \$0.5M in additional ARR despite limited resources. Introduced a data-driven product process weighing customer desirability and business viability alongside technical feasibility; assessed 10+ R&D candidates and discontinued two, saving about \$200K annually. Pivoted the automated blood collection device after 5 years of stalled development, narrowed scope to must-have requirements, and cut 9 months off the timeline. Coached 8 technical employees into a working product team starting from zero PM experience.

International Business Development Consultant (Berkeley-Haas) May 2018 — Jul 2018
Wildlife Conservation Society *Belize*

Project:
Interviewed customers and staff and assessed facility infrastructure, financial data and business operations of Wildlife Conservation Society (WCS) not only to increase awareness and visibility of Glover's Reef Research Station but also to develop a self-sustainable business model to decrease dependency on donor funding. Presented recommendations to WCS Belize directors. Implementation decision pending.

Senior Global Product Manager / Global Product Manager (2019-2024); Senior Validation Engineer / Validation Engineer (2013-2019) Jan 2013 — Dec 2024
Intuitive Surgical *United States*

Took high-priority developments from concept through market fit assessment, streamlining surgical workflows across 10+ procedure types, cutting per-procedure costs by about \$200, and growing adoption from under 1% to 13% in target procedures within 3 years. Ran 10+ global market research initiatives with 200+ surgeon interviews and observations in 50+ operating rooms, and helped secure one of the first revenue-generating third-party licensing partnerships, reaching 500+ hospital sites within 18 months. Owned long-term portfolio strategy for an accessories business of about \$700M annual revenue. Earlier, as a validation engineer, authored 100+ validation and verification studies across 7+ concurrent robotic instrument and software developments, from requirements to FDA-cleared launch.

Scientist, Research & Development Jan 2010 — Dec 2013
Johnson & Johnson (Advanced Sterilization Products) *United States*

Research and development scientist at Advanced Sterilization Products.

EDUCATION

University of California, Berkeley, Haas School of Business
Master of Business Administration (M.B.A.)

Northwestern University
Master's Degree in Biotechnology
Graduated in top 5% of class

University of Illinois at Urbana-Champaign
Bachelor's Degree in Biochemistry
Honorary Academic Designation, College of Liberal Arts and Sciences

SKILLS

Marketing · Product Strategy · Pricing Strategy · Competitive Intelligence · Global Cross-Functional Team Leadership · Stakeholder Engagement · Coaching & Mentoring · Financial Analysis · Strategic Partnerships · Business Strategy · Six Sigma Green Belt · Risk Assessment · Project Management · Industry standards · Product Development · Product Launch · Storytelling · Market Research · Strategic Thinking · Negotiation · Project Portfolio Management

· Communication · Analytical Skills · Medical Devices · GMP · Biotechnology · R&D · CAPA · Quality System · Life Sciences · Sterilization · Cleaning Validation · Disinfection · Design of Experiments · Sports · Baseball · Basketball · Golf · Verification and Validation (V&V) · Cross-functional Team Leadership · Design Control · Quality Control · Good Distribution Practice (GDP) · Good Laboratory Practice (GLP) · Minitab · Biochemistry · Microbiology · U.S. Food and Drug Administration (FDA) · go-to-market strategy · customer validation · FDA regulatory · agentic AI · Python · machine learning · surgical robotics