CYTOVALE

xCella BIOSCIENCES

01

BS ME, UNVIERSITY OF COLORADO AT BOULDER

(2006-2010)

Graduated Dean's list, emphasis in entrepeneurship and biomedical applications. Published paper on development ofnovel Boutonneiere Brace in ASME 2010 Journal of Medical Devies. Created Automated differential GPS based tracking camera as senior capstone.

02

BIOMEDICAL ENGINEER AT MEDICAL MODELING 2010-2011

Planned surgeries virtually with surgeons; used additive manufacturing of metals and plastics to translate virtual plan to operating room

03

MSPD, EMBA STANFORD

MS 2012-2014, EMBA 2014-2015

Graduated from ME department with master's in Product Design, and continued to IGNITE eMBA program. Focus on design methodology, smart prodducts, and manufacturing. Thesis on tangible media interfaces for the elderly

04

PRODUCT DESIGN INTERN

LIMELAB, SUMMER 2013, OCEANIT, SUMMER 2014

Internships with LimeLab and Oceanit during Stanford education. Helped translate DAARPA grants into products at Oceanit, and ID sketches into DFM ready products at LimeLab

05

PRODUCT DESIGN ENGINEER, PAX LABS

2015-2016

Defined requirements and scoped development tasks for prototyping next generation vaporizer hardware. Worked with beta testers and vendors to prepare design for manufacture.

06

PRODUCT DEVELOPMENT LEAD, SUBPAC

2016-2017

Lead product development efforts for venture backed startup using haptic audio technology to "feel" sound. Maintained consumer electronics product line and developed POC prototypes for VR, automotive, cinema, and other verticals.

SUBPAC

07

PRODUCT DESIGN CONSULTANT, SEXTANT INDUSTRIES

2012-PRESENT

Scoped and managed more than 9 projects for clients in consumer, medical, and industrial fields. Specializing in unifying industrial design and mechatronic function.

08

PRODUCT DESIGN ENGINEER, IBEAT

2018-Present

Completed NPI ramp to delivering first cardiac arrest detecting "heartwatch" units. Established OQC/IQC criteria, assembly SOP, and test protocols and fixtures. Drive UX research, product requirements definitions, and architectural prototypes for 2nd generation

iBeat