Trina Vana

(949) 241-6177
trinavana@gmail.com

EXPERIENCE

Dexcom, San Diego, CA — *Sr. Technical Program Manager*

SEPTEMBER 2022 - PRESENT

- Facilitating advanced research to grow Dexcom's product pipeline: initiated 3 feasibility clinical studies within 1 year across new analytes and sensing platform efforts
- Creating new processes for managing a growing R&D project portfolio in new market exploration and their transition into NPI

Recor Medical, Palo Alto, CA — *Eng. Program Manager*

JUNE 2021 - SEPTEMBER 2022

- Continuous risk, scope, resource, and priority management of an early R&D product platform for catheter-based renal denervation
- Managed integration of separate product development projects and timelines into an overall strategic roadmap

Alcon / Powervision, Belmont, CA — *Sr. Engineer II*

FEBRUARY 2018 - JUNE 2021

- Defined a novel clinical outpatient procedure; managed scope, timeline, and deliverables for ophthalmic IOL usability studies
- Built out a pilot line to increase early concept throughput by 150%: managed budget, procurement, and process development
- Directed testing with a team of 6+ engineers across multiple sites
- Promoted data-driven design decisions leveraging DoEs, root cause analysis, FEA, SQL, and automated analysis in Python

Zap Surgical Systems, San Carlos, CA — *Engineer*

SEPTEMBER 2016 - JANUARY 2018

- Managed systems integration between electrical, mechanical, and industrial design; defined final product assembly of complex neurosurgical system with international CM in China
- Produced Solidworks CAD drawings employing GD&T and tolerance analysis on assemblies of 500+ dimension parts
- Led design and verification of 3 degree-of-freedom patient table: wrote protocols, executed testing, and drafted final reports

Radical R&D, Portland, OR — *Engineering Intern*

MAY 2015 - AUGUST 2015

Box, Palo Alto, CA — *Customer Success Technician*

APRIL 2013 - MAY 2014

EDUCATION

UCLA

M.S., Mechanical Engineering

Major field of design, robotics, and manufacturing

Medtech Innovation program in conjunction with the Anderson School of Management

UC Berkeley

B.A., Molecular and Cellular Biology, Neurobiology

Research assistant in Bunge and Bao labs

CERTIFICATES

Cornell University

Engineering Leadership Certificate

MAY 2022

SKILLS

Strategic technical leadership, project management (Kanban Smartsheets, MS Project), technical product development (Solidworks, ProE/Creo, COMSOL, Abaqus), international vendor management, process development, data management and analysis (Python, MATLAB, SQL)