

# 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 technologies
- 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 product 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)