



# BRENDAN NAJARRO

Mechanical Engineer | LOS ANGELES, CA 90291, UNITED STATES | (541) 754-3010

## ○ DETAILS ○

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PLACE OF BIRTH

San Antonio

NATIONALITY

American

DRIVING LICENSE

Full

## ○ LINKS ○

[Github](#)

[Linkedin](#)

[Facebook](#)

## ○ SKILLS ○

Nanotechnology

Robotics

Design

Physics

SolidWorks

Autodesk Revit

Product Testing

Mathematics

Thermodynamics

Pneumatics

Quality Control

Coding

Data Assimilation

Autocad

Python

## ● PROFILE

*Technically orientated Mechanical Engineer with over six years experience in reliability and maintenance activities within a clean room environment. Highly adept with mechanic supporting sanitation systems and equipment. Completed a Masters Degree in Thermodynamics and holds a Professional Engineering license.*

## ● EMPLOYMENT HISTORY

### Mechanical Engineer III at Zimmer Medical Devices, Fort Lauderdale

May 2018 — Present

*Responsible for reliability testing of more than 30 pieces of outdated machinery and improved their efficiency by 70% with minor design tweaks.*

- Test CNC machinery and equipment to ensure they function correctly and schedule preventative maintenance activities
- Coordinate reliability testing and devise planned maintenance schedules to coincide with commissioning activities
- Facilitate the safe testing and commissioning of all high voltage machinery and equipment
- Make sure all PLC are tested and maintained according to the operational requirements of the plant

### Mechanical Engineer II at Corning Thermodynamics, Tewksbury

January 2017 — May 2018

*Part of the product development team that conceptualized more than 15 thermal devices in the last quarter and received a 100% pre-approval rating for all prototypes presented.*

- Support the entire production process regarding quality inspections and cost improvement initiatives.
- Collaborate with mechanical packaging-designers and electrical engineers to define upcoming projects in terms of timeframes, financial resources, and allocation of labor
- Create 2D and 3D schematics and drawings on Solidworks and AutoCAD
- Monitor project progress, record test results, write quality reports and submit to senior engineer for final approval

### Mechanical Engineer I at Confluence Devices, Borger

January 2016 — December 2016

*Improved the undisrupted equipment reliability by adding two extra planned maintenance schedules per quarter resulting in zero shutdowns due to machine failures in the last 12 months.*

- Design product concepts, build prototypes and conduct testing and validation on Class I medical devices
- Establish ongoing relationships with potential overseas private equity firms to secure funding for commercialization of pilot products
- Interact with potential manufacturers and create proposals to set up assembly lines, packaging requirements and production specifications