

BRENDAN NAJARRO

MECHANICAL ENGINEER

INFO

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PLACE OF BIRTH

San Antonio

DRIVING LICENSE

Full

NATIONALITY

American

LINKS

[Github](#)

[Linkedin](#)

[Facebook](#)

SKILLS

Nanotechnology



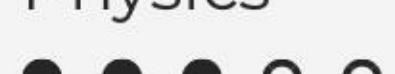
Robotics



Design



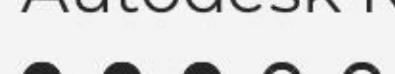
Physics



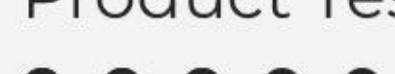
SolidWorks



Autodesk Revit



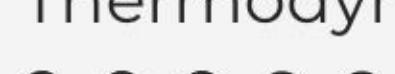
Product Testing



Mathematics



Thermodynamics



PROFILE

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

EMPLOYMENT HISTORY

Mechanical Engineer III , Zimner 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Responsible for reliability testing of more than 30 pieces of outdated machinery and improved their efficiency by 70% with minor design tweaks.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, Corneing Thermodynamics

Tewksbury

Jan 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, Confluence Devices

Borger

Jan 2016 — Dec 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