

Greg Linger

Mechanical Engineer

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NATIONALITY American

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PLACE OF BIRTH San Antonio

DRIVING LICENSE Full

01 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.

02 EMPLOYMENT HISTORY

May 2018 — Present
Fort Lauderdale

Mechanical Engineer III at Zimmer Medical Devices

Responsible for reliability testing of more than 30 pieces of outdated machinery and improved their efficiency by 70% with minor design tweaks.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

Jan 2017 — May 2018
Tewksbury

Mechanical Engineer II at Corneing Thermodynamics

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

Jan 2016 — Dec 2016
Borger

Mechanical Engineer I at Confluence Devices

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
- Define product specifications, wrote inspection and testing manuals and draft failure analysis reports
- Propose design improvements and redesign suggestions to the product development team to correct problems with prototypes

03 EDUCATION

Jun 2019 — Jun 2019
Seneca

National Council of Examiners for Engineering and Surveying (NCEES)

Professional Engineering (PE) Exam,

Jun 2019 — Present
Charlotte

University of North Carolina

Doctor of Philosophy in Mechanical Engineering

Thesis Topic: Micro-electromechanical systems design and design optimization in Class II Medical Device applications

May 2017 — May 2017
Los Angeles

The International Association for Plumbing and Mechanical Inspectors

Certified Mechanical Inspector,

Jan 2016 — Jun 2016
Deerborn

Society for Manufacturing Engineers

Certified Manufacturing Engineer

Jun 2015 — Jun 2017
Minneapolis

University of Minnesota

Master of Science: Mechanical Engineering,

Jun 2011 — Jun 2014
Duluth

University of Minnesota

Bachelor of Science: Mechanical Engineering

GPA of 3.75

Curriculum: Mechanics of Materials, Visual Thinking, Mechanical Systems Design. Thermodynamics

04 SKILLS

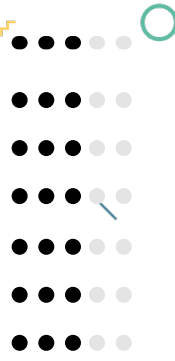
Nanotechnology



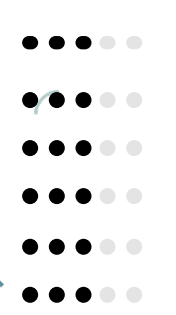
Thermodynamics



Robotics
Design
Physics
SolidWorks
Autodesk Revit
Product Testing
Mathematics



Pneumatics
Quality Control
Coding
Data Assimilation
Autocad
Python



05 COURSES

Sep 2018 — Nov 2019

Advanced Civil 3D and Reality Capture at CAD Masters Inc., Sacramento

Jul 2016 — Aug 2016

3D, Revit and Navisworks Course at Applied Software Training Center, Atlanta

06 LANGUAGES

English, Russian

