

# Greg Linger, Mechanical Engineer

LOS ANGELES, CA 90291, UNITED STATES --  
email@email.com

## 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 , Zimmer Medical Devices

May 2018 — Present, Fort Lauderdale

*Responsible for reliability testing of more than 30 pieces of outdated machinery and improved their efficiency by 70% with minor design tweaks.*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

Jan 2017 — May 2018, Tewksbury

*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

Jan 2016 — Dec 2016, Borger

*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

## DETAILS

1515 Pacific Ave

Los Angeles, CA 90291,  
United States

(541) 754-3010

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

- 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

Autocad

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Python

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## LANGUAGES

English, Russian

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## EDUCATION

### **National Council of Examiners for Engineering and Surveying (NCEES), Professional Engineering (PE) Exam,**

Jun 2019 — Jun 2019, Seneca

### **University of North Carolina, Doctor of Philosophy in Mechanical Engineering**

Jun 2019 — Present, Charlotte

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

### **The International Association for Plumbing and Mechanical Inspectors, Certified Mechanical Inspector,**

May 2017 — May 2017, Los Angeles

### **Society for Manufacturing Engineers, Certified Manufacturing Engineer**

Jan 2016 — Jun 2016, Deerborn

### **University of Minnesota, Master of Science: Mechanical Engineering,**

Jun 2015 — Jun 2017, Minneapolis

### **University of Minnesota, Bachelor of Science: Mechanical Engineering**

Jun 2011 — Jun 2014, Duluth

GPA of 3.75

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

## COURSES

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

Sep 2018 — Nov 2019

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

Jul 2016 — Aug 2016