

# GREG LINGER

Mechanical Engineer

## INFO

### ADDRESS

1515 Pacific Ave, Los Angeles, CA 90291, United States

### PHONE

(541) 754-3010

### EMAIL

email@email.com

### PLACE OF BIRTH

San Antonio

### DRIVING LICENSE

Full

### NATIONALITY

American

## LINKS

[Github](#)

[Linkedin](#)

[Facebook](#)

## SKILLS

Nanotechnology



Robotics



Design



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*Responsible for reliability testing of more than 30 pieces of outdated machinery and improved their efficiency by 70% with minor design tweaks.*

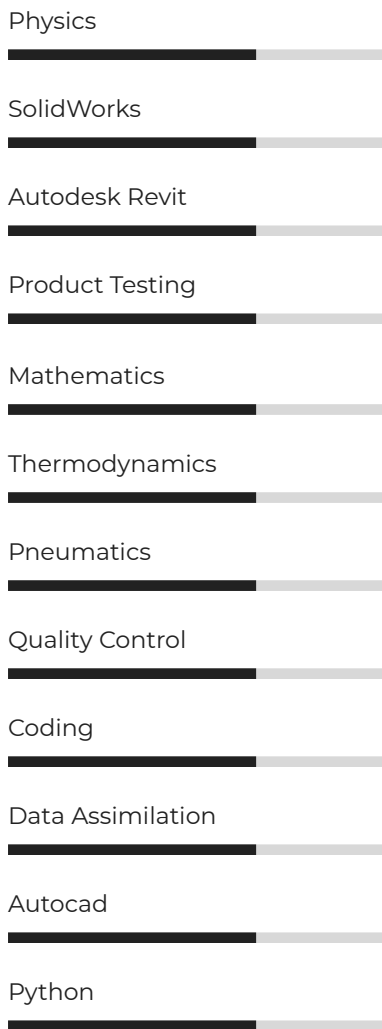
- Test CNC machinery and equipment to ensure they function correctly and schedule preventative maintenance activities
- Coordinate reliability testing and devise planned maintenance schedules to coincide with commissioning activities
- Facilitate the safe testing and commissioning of all high voltage 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



## LANGUAGES

English, Russian

- 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 uninterrupted 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

## EDUCATION

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

Seneca

Jun 2019 — Jun 2019

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

Charlotte

Jun 2019 — Present

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

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

Los Angeles

May 2017 — May 2017

### Certified Manufacturing Engineer, Society for Manufacturing Engineers

Deerborn

Jan 2016 — Jun 2016

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

Minneapolis

Jun 2015 — Jun 2017

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

Duluth

Jun 2011 — Jun 2014

GPA of 3.75

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

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## **COURSES**

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**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