

# 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

### Nationality

American

### Driving license

Full

## Links

[Github](#)

[Linkedin](#)

[Facebook](#)

## Skills

### Nanotechnology



### Robotics



### Design



### Physics



### SolidWorks



### Autodesk Revit



### Product Testing



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*Responsible for reliability testing of more than 30 pieces of outdated machinery and improved their efficiency by 70% with minor design tweaks.*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

Mathematics



Thermodynamics



Pneumatics



Quality Control



Coding



Data Assimilation



Autocad



Python



## Languages

English, Russian



- 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

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

