

# KRISTINE M. LESCH

1614 SE Duke St #4 – Portland, OR 97202  
971-260-0097 – kmlesch@gmail.com

**OBJECTIVE** To obtain technical position in sustainable engineering firm

## EXPERIENCE

Academic Tutor, Tutor.com

Mathematics, August 2013 - Present

- Lead tutoring sessions in Algebra, Geometry, and Trigonometry
- Ensure understanding with detailed breakdown of topics based on audience

Asociación Alterna ONG, Quetzaltenango, Guatemala

Entrepreneur/Engineer, January 2013 – July 2013

- Pioneered alternative energy power systems to rural households
- Organized field installations of biodigestion systems
- Developed funding proposals for acceleration phase of business
- Implemented comprehensive proceduralization of field and managerial operations
- Calculated numerous statistical analyses of market segmentation

Sargent & Lundy, LLC, Chicago, IL

Electrical Engineer, June 2009 - January 2013

- Implemented medium and low voltage power transmission designs, power system stability analysis, protective relaying and uninterrupted power systems
- Designed one line diagrams, general arrangements, grounding, material lists, relay and control schematics and wiring diagrams
- Developed technical modification packages, installation/testing instructions, and calculations in ISO 9001 processes
- Responsible Engineer to integrate switchyard changes into Main Control Room systems
- Led redesign of Main Control Room wiring deficiencies on-site during plant outage
- Technical design liaison for senior management at project site
- Directed and collaborated with multidisciplinary Designers and Drafters for detailed design optimization

## EDUCATION

University of North Dakota, Grand Forks, ND

Bachelor of Science in Electrical Engineering, Power Emphasis

Graduated May 2009, GPA 3.34

Engineer-In-Training, October 2008

- Senior Design Project: SunAir Power Integrated Wind & Solar Power Generator
- Relevant Courses: Power Systems, Renewable Energy, Control Systems, Technical Report Writing

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## SKILLS

- Applications
  - ETAP Power Systems Analysis
  - Bentley Microstation CAD Software
  - Microsoft Office (Word, Excel, Powerpoint, Project)
  - VenSim Simulation Software
- Personal
  - Team Leader
  - Detail Oriented
  - Problem Solver
  - Self Starter

## ASSOCIATIONS / ACTIVITIES

- Engineers Without Borders USA (EWB-USA), Asociacion Ak' Tenamit Guatemala Energy Project Lead
- Institute of Electrical and Electronics Engineers (IEEE) Member
- American MENSA Member
- Farmers Market Assistant Manager (Summer 2012)
- Spanish Speaker (Conversational/Intermediate)
- English as a Second Language (ESL) Coach
- Marketplace for Entrepreneurs Business Plan Competition Winner

## REFERENCES

1. AJ Voth  
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630-513-5204
2. Natasha Godard  
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312-771-8932
3. Amal Katrib  
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