

# DAN DERIEG

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## WORK EXPERIENCE

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### Point Horizon Institute

*Infrastructure Manager*

**Berkeley, California**

*May 2017 – Sept 2018*

### American Grouting

*Field Engineer and team leader*

**Richmond, California**

*Sept 2014 – May 2017*

### M.A. Center Nonprofit

*Infrastructure Manager*

**San Ramon, California**

*May 2008 – Apr 2013*

### Simon Wong Engineering

*Field Engineer*

**San Diego, California**

*Feb 2004 – Jan 2008*

## EDUCATION

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### UNIVERSITY OF ILLINOIS – SPRINGFIELD

*B.A. Mathematics and B.Sc. Computer Science, Expected graduation, May 2019*

**Springfield, Illinois**

**GPA 4.0**

### SAN DIEGO STATE UNIVERSITY

*Completed coursework towards B.Sc. Civil Engineering, May 2006*

**San Diego, California**

## RESEARCH INTERESTS

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I am very interested in the area of machine learning and word embeddings. I am a huge fan of mathematics and statistics and enjoy any opportunity to use them in programming and problem solving, including computational problems and efficiency.

I hope to pursue research and work in the areas of ML and NLP or some facet of mathematical/computational prediction and/or modeling. In particular, in applications of biomedical informatics.

## RELEVANT SKILLS

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- Excellent analytical skills
- Hardworking & cooperative team member
- Highly motivated self-starter
- Excellent cost control
- Project management
- Programming in Java
- Programming in Python
- MatLab
- Algorithms
- Mathematics and Statistics
- I have built mathematical models based on design criteria and field measurements, and statistical models for cost management and control, when working as a field engineer. nnnn

I have also built classifiers and neural networks using tensorflow.(4.0 GPA)(4.0 GPA)

## ADDITIONAL INTERESTS

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(4.0 GPA)(4.0 GPA)

Reading, music, philosophy, history of mathematics.

Sport including - climbing, bouldering, swimming, surfing and golf.