

# Luisa Rojas

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## Programmer

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[neutralthoughts](#) [dandymusicnl](#)

Richard hails from Tulsa. He has earned degrees from the University of Oklahoma and Stanford. (Go Sooners and Cardinals!) Before starting Pied Piper, he worked for Hooli as a part time software developer. While his work focuses on applied information theory, mostly optimizing lossless compression schema of both the length-limited and adaptive variants, his non-work interests range widely, everything from quantum computing to chaos theory. He could tell you about it, but THAT would NOT be a "length-limited" conversation!

## SKILLS

### Web Development

Master

[html](#) [css](#) [javascript](#)

### Compression

Master

[mpeg](#) [mp4](#) [gif](#)

## WORK EXPERIENCE (1)

### CEO/President at Pied Piper

December 2013 - December 2014

<https://piedpiper.com>

Pied Piper is a multi-platform technology based on a proprietary universal compression algorithm that has consistently fielded high Weisman Scores™ that are not merely competitive, but approach the theoretical limit of lossless compression.

- Build an algorithm for artist to detect if their music was violating copy right infringement laws
- Successfully won Techcrunch Disrupt
- Optimized an algorithm that holds the current world record for Weisman Scores

## VOLUNTEER

### Teacher at CoderDojo

January 2012 - January 2013

Global movement of free coding clubs for young people.

<https://coderdojo.com/>

- Awarded 'Teacher of the Month'

## EDUCATION (1)

### Bachelor Information Technology at University of Oklahoma

2011 - 2014

[db1101 - basic sql](#) [cs2011 - java introduction](#)

Grade: 4.0

## AWARDS

# Digital Compression Pioneer Award at Techcrunch

2014

There is no spoon.

## PROJECTS

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### Video compression for 3d media in Hooli

1 October 2014

Innovative middle-out compression algorithm that changes the way we store data.

## LANGUAGES

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### English

*Native speaker*

## INTERESTS

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### Wildlife

- ferrets
- unicorns

## REFERENCES

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“ It is my pleasure to recommend Richard, his performance working as a consultant for Main St. Company proved that he will be a valuable addition to any company. ”

Erlich Bachman