

# Richard hails

## Programmer

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Born in , in

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Richard hails from Tulsa. He has earned degrees from the University of Oklahoma and Stanford. (Go Sooners and Cardinal!) 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)



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.

- Awarded 'Teacher of the Month'

## EDUCATION (1)

### Bachelor Information Technology at University of Oklahoma

2011 - 2014

db1101 - basic sql

cs2011 - java introduction

## AWARDS

### Digital Compression Pioneer Award at Techcrunch

2014

There is no spoon.

## PUBLICATIONS

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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. ”

**Erich Bachman**