

## SUMMARY

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!

## EDUCATION

**University of Oklahoma**

**Bachelor** Information Technology

**Dates:** 2011-06-01 through 2014-01-01

**GPA:** 4.0

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## SKILLS

**Web Development:** HTML, CSS, Javascript

**Compression:** Mpeg, MP4, GIF

## EXPERIENCE

**Pied Piper:** - Palo Alto, CA

**CEO/President:** 2013-12-01 through 2014-12-01

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.

**Highlights:**

- Build an algorithm for artist to detect if their music was violating copy right infringement laws
- Successfully won Techcrunch Disrupt

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## PROJECTS

**Miss Direction:** A mapping engine that misguides you - **2016-08-24**

<http://missdirection.example.com>

**Techonology Used:** GoogleMaps, Chrome Extension, Javascript

**Highlights:**

- Won award at AIHacks 2016
- Built by all women team of newbie programmers

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## VOLUNTEER

**CoderDojo** 2012-01-01 through 2013-01-01

Global movement of free coding clubs for young people.

**Highlights:**

- Awarded 'Teacher of the Month'

## AWARDS

**Digital Compression Pioneer Award**

Awarded by: Techcrunch - 2014-11-01

There is no spoon.

PUBLICATIONS **Video compression for 3d media**

Hooli - 2014-10-01

[http://en.wikipedia.org/wiki/Silicon\\_Valley\\_\(TV\\_series\)](http://en.wikipedia.org/wiki/Silicon_Valley_(TV_series))

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