

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: June, 2011 - January, 2014

GPA: 4.0

SKILLS

Web Development: HTML, CSS, Javascript

Compression: Mpeg, MP4, GIF

EXPERIENCE

Pied Piper: - Palo Alto, CA

CEO/President: December, 2013 - December, 2014

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
- Optimized an algorithm that holds the current world record for Weisman Scores

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PROJECTS

Miss Direction: A mapping engine that misguides you - **August, 2016**

<http://missdirection.example.com>

Technology Used: GoogleMaps, Chrome Extension, Javascript

Highlights:

- Won award at AIHacks 2016
- Built by all women team of newbie programmers
- Using modern technologies such as GoogleMaps, Chrome Extension and Javascript

VOLUNTEER

CoderDojo January, 2012 - January, 2013

Global movement of free coding clubs for young people.

Highlights:

- Awarded 'Teacher of the Month'

AWARDS

Digital Compression Pioneer Award

Awarded by: Techcrunch - November, 2014

There is no spoon.

PUBLICATIONS

Video compression for 3d media

Hooli - October, 2014

[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.