

# Richard Hendriks

Programmer

## About

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neutralthoughts

dandymusicnl

## Web Development

### Master

HTML CSS Javascript

## Compression

### Master

Mpeg MP4 GIF

## Languages

English (Native speaker)

## Interests

### Wildlife

Ferrets

Unicorns

## 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!

## Experience

Awesome compression company  
CEO/President

12/2013 - 12/2014

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.

- 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

## Open Source Projects

**Miss Direction** · <http://missdirection.example.com>

08/2016 - 08/2016

A mapping engine that misguides you

GoogleMaps Chrome Extension Javascript

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

## Education

**University of Oklahoma**

06/2011 - 01/2014

Bachelor Information Technology

- DB1101 - Basic SQL
- CS2011 - Java Introduction

## Volunteer

**CoderDojo**

01/2012 - 01/2013

Teacher

Global movement of free coding clubs for young people.

- Awarded 'Teacher of the Month'

## Awards

**Digital Compression Pioneer Award**

Techcrunch

There is no spoon.

## Publications

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### Video compression for 3d media

Hooli

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

## References

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“ It is my pleasure to recommend Richard, his performance working as a consultant for Main St. a valuable addition to any company.