

# Richard Hendriks

## Programmer

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!

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## Work **Pied Piper**

Awesome compression company

CEO/President

Dec 2013 – Dec 2014

Palo Alto, CA

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 **CoderDojo**

Teacher

Jan 2012 – Jan 2013

Global movement of free coding clubs for young people.

- Awarded 'Teacher of the Month'

## Education

### University of Oklahoma

Information Technology

Jun 2011 – Jan 2014

Bachelor

#### Courses

- DB1101 - Basic SQL
- CS2011 - Java Introduction

## Projects

### Miss Direction

Team lead and Designer at Smoogle

Aug 2016

application

A mapping engine that misguides you

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

GoogleMaps

Chrome Extension

Javascript

## Awards

### Digital Compression Pioneer Award

Awarded by Techcrunch

Nov 2014

There is no spoon.

## Publications

### Video compression for 3d media

Published by Hooli

Oct 2014

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

## Skills

### Web Development

HTML

CSS

Javascript

### Compression

Mpeg

MP4

GIF

## Languages

### English

Native speaker

# Interests

# Wildlife

- Ferrets
- Unicorns

# References

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