# **Richard Hendriks**

# **Programmer**

- San Francisco, California
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#### **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**

#### CEO/President - Pied Piper, Palo Alto, CA

2013-12-01 - 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.

- 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

#### **PROJECTS**

## **Miss Direction**

Team lead, Designer

2016-08-24 - 2016-08-24

A mapping engine that misguides you

GoogleMaps Chrome Extension Javascript

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

# **EDUCATION**

#### **University of Oklahoma**

Bachelor | Information Technology [CGPA: 4.0]

2011-06-01 - 2014-01-01

• DB1101 - Basic SQL

• CS2011 - Java Introduction

## **AWARDS**

# **Digital Compression Pioneer Award**

Techcrunch

2014-11-01

There is no spoon.

## **PUBLICATIONS**

# Video compression for 3d media

Hooli

2014-10-01

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

# **SKILLS**

Web Development	master	Compression master	
HTML	Javascript	Mpeg	GIF
CSS		MP4	

# **LANGUAGES**

# **English**

Native speaker

## **INTERESTS**

## Wildlife



## **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